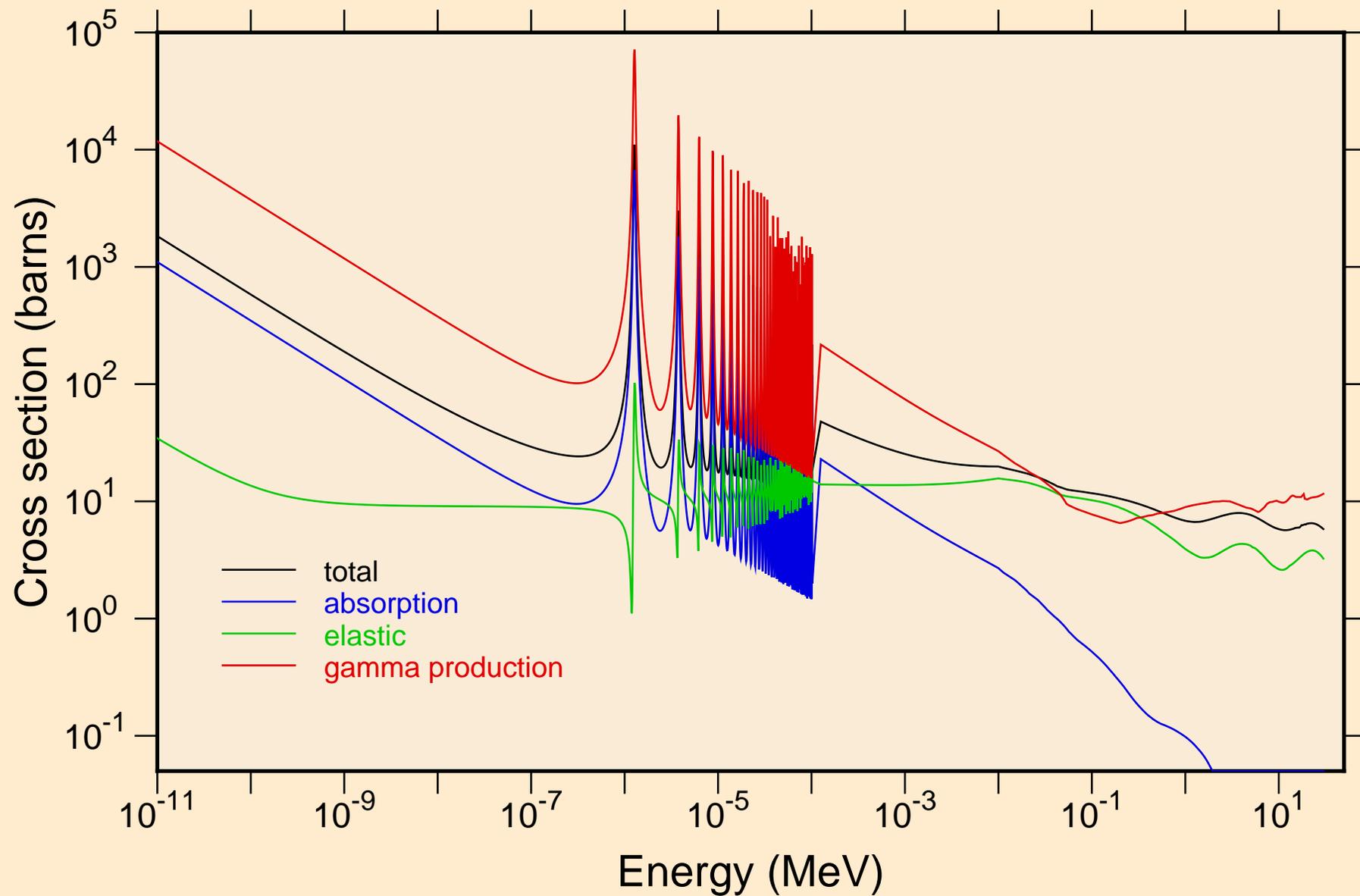


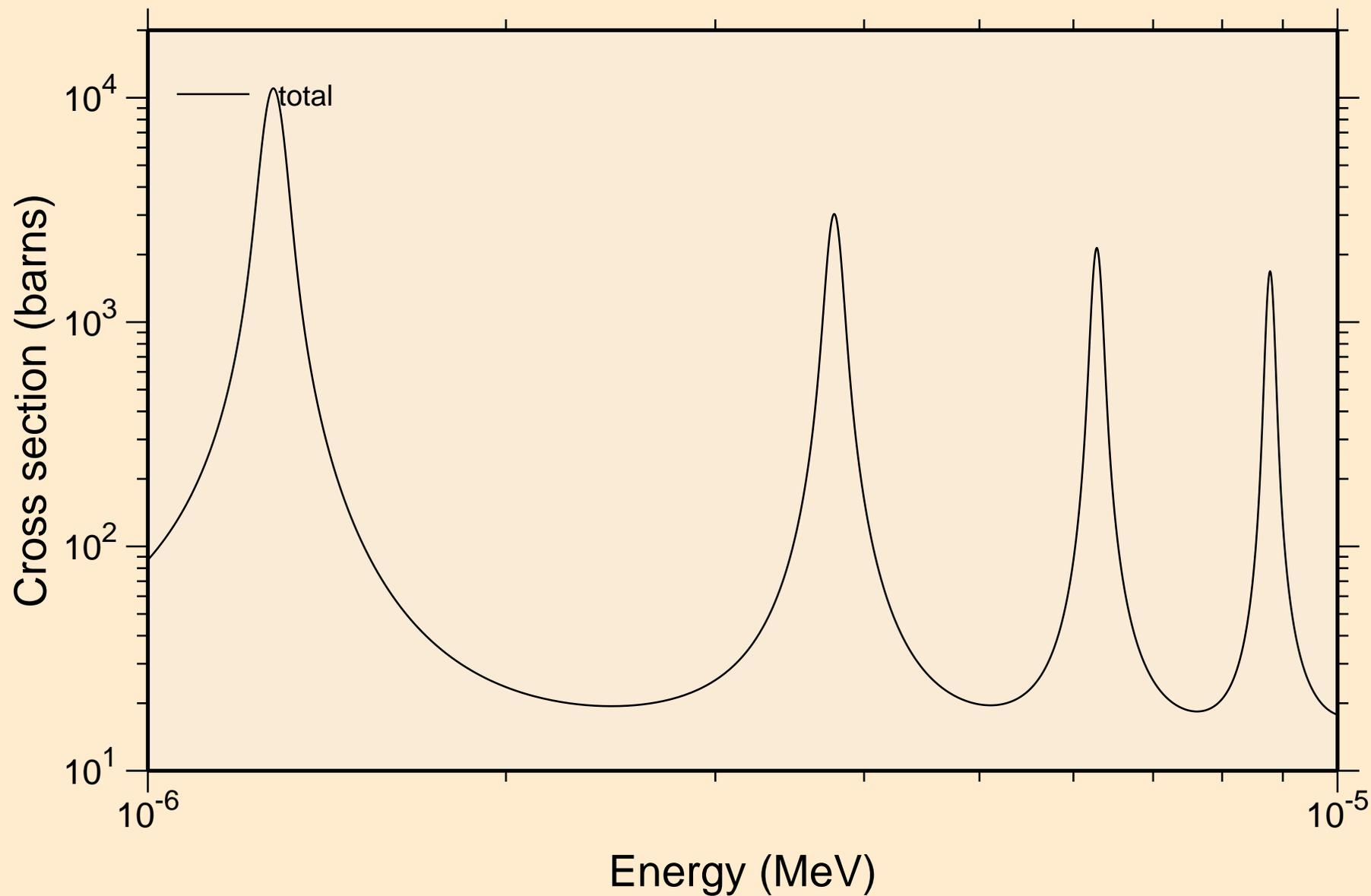
# ADVANCE CALCULATIONS

## Principal cross sections



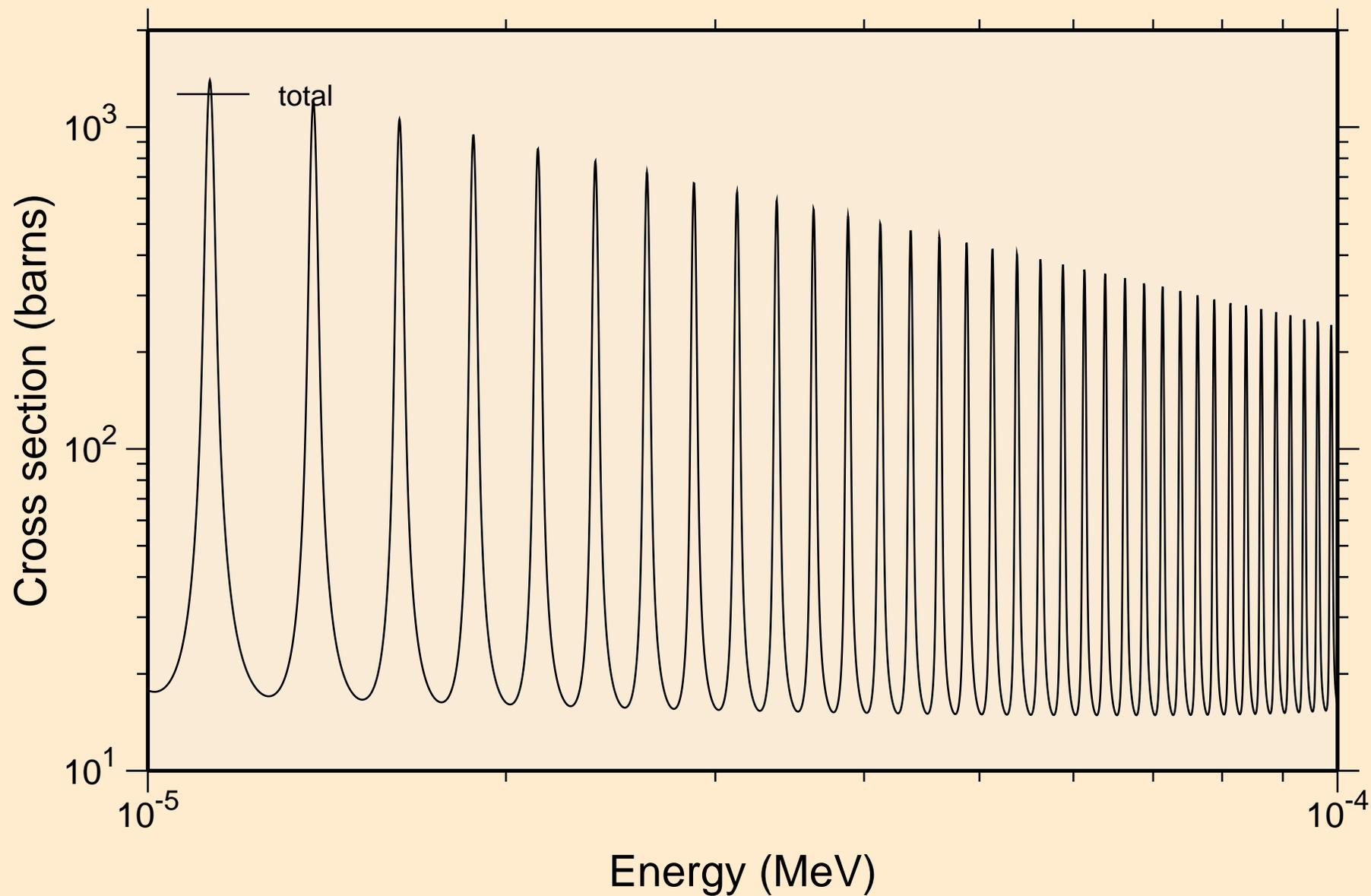
# ADVANCE CALCULATIONS

## resonance total cross section



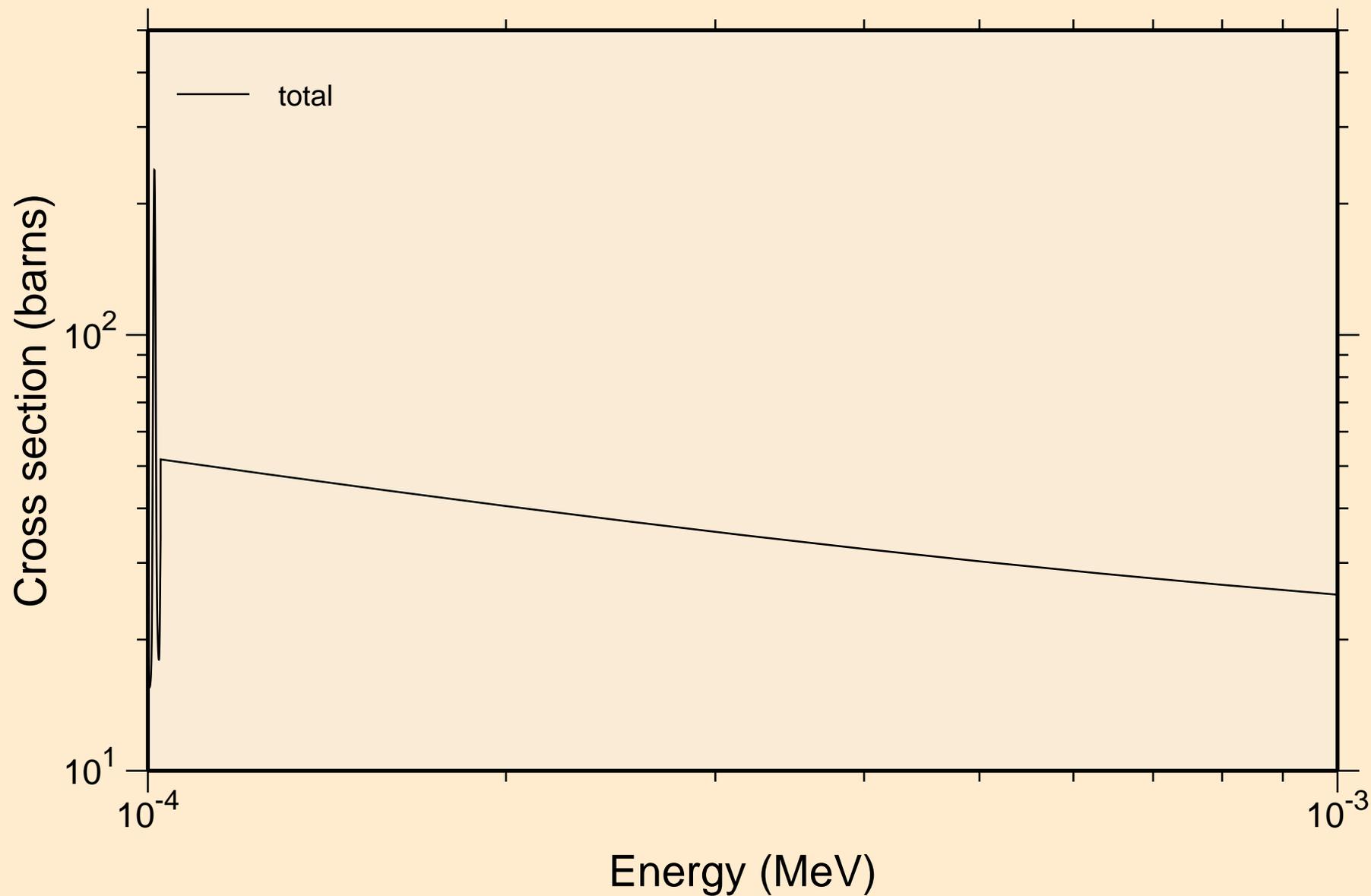
# ADVANCE CALCULATIONS

## resonance total cross section



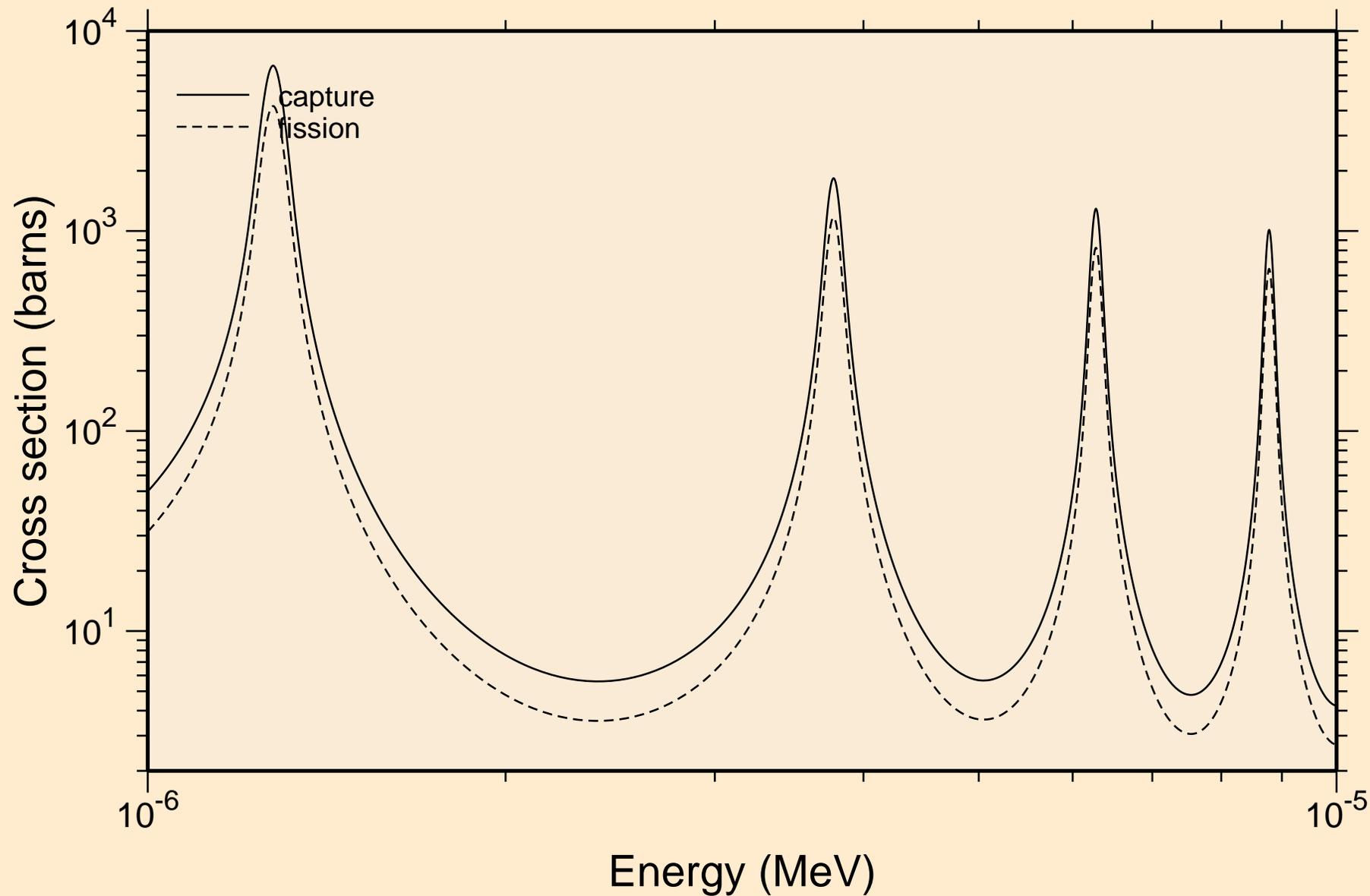
# ADVANCE CALCULATIONS

## resonance total cross section



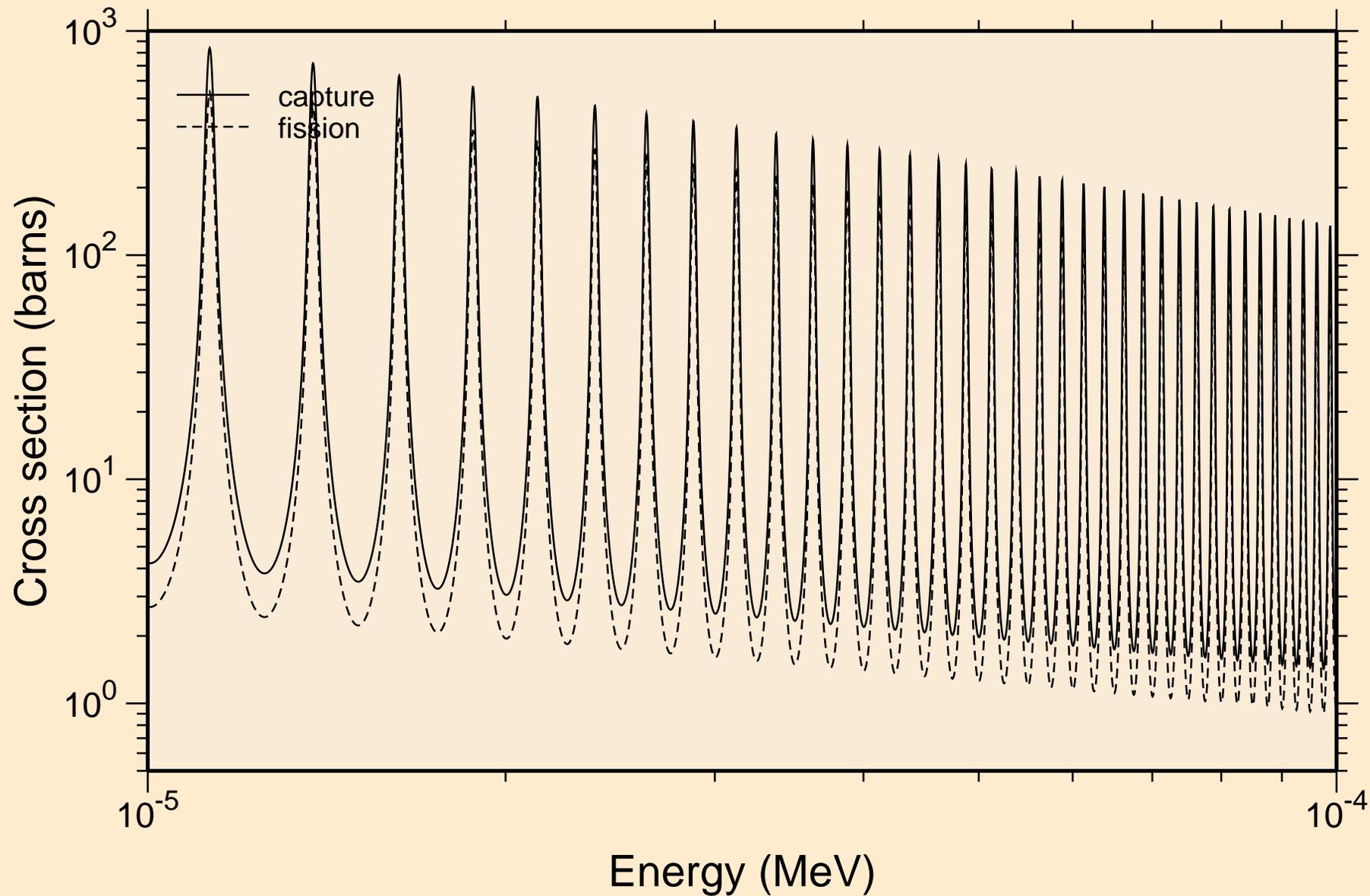
# ADVANCE CALCULATIONS

## resonance absorption cross sections



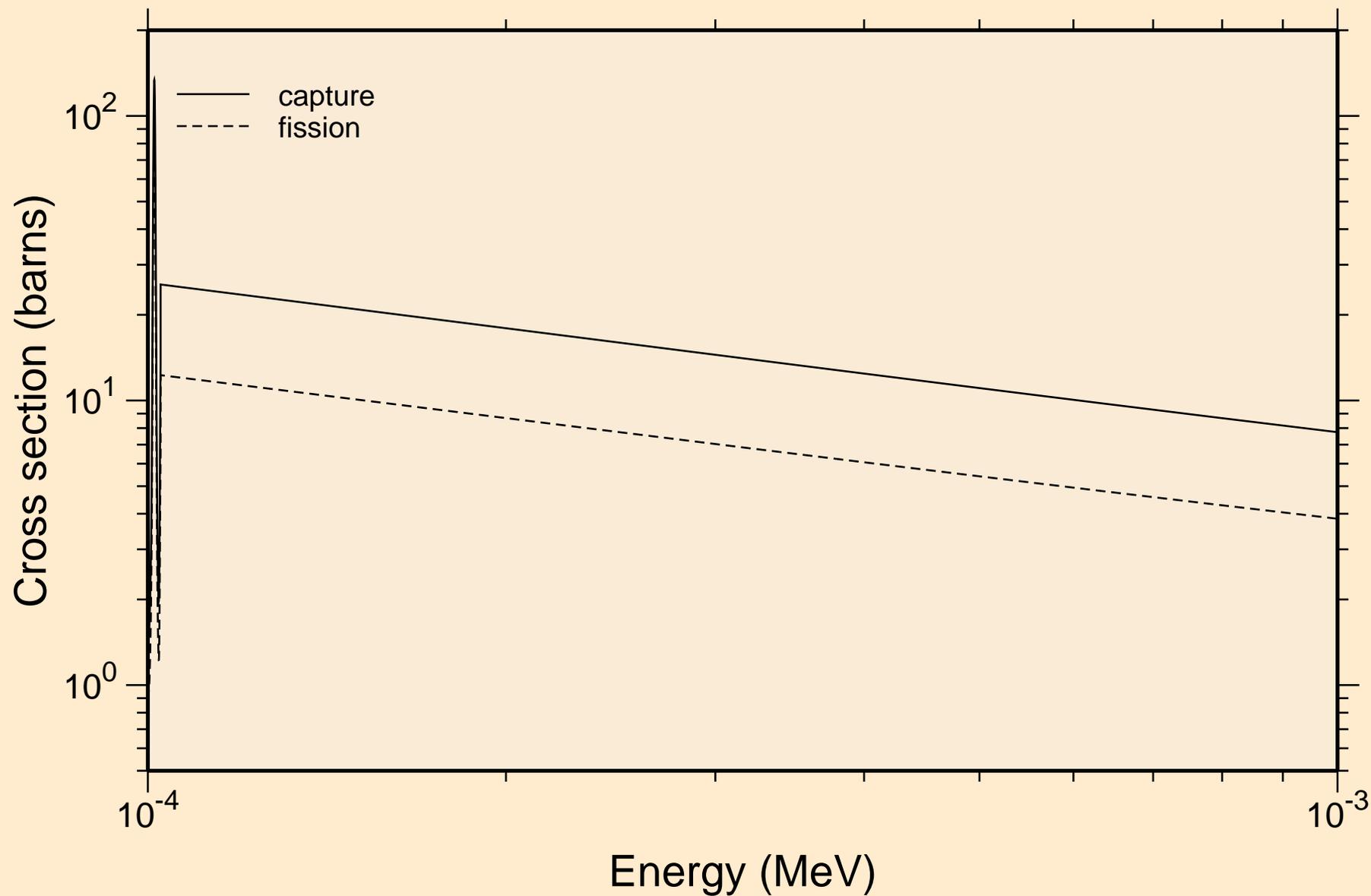
# ADVANCE CALCULATIONS

## resonance absorption cross sections



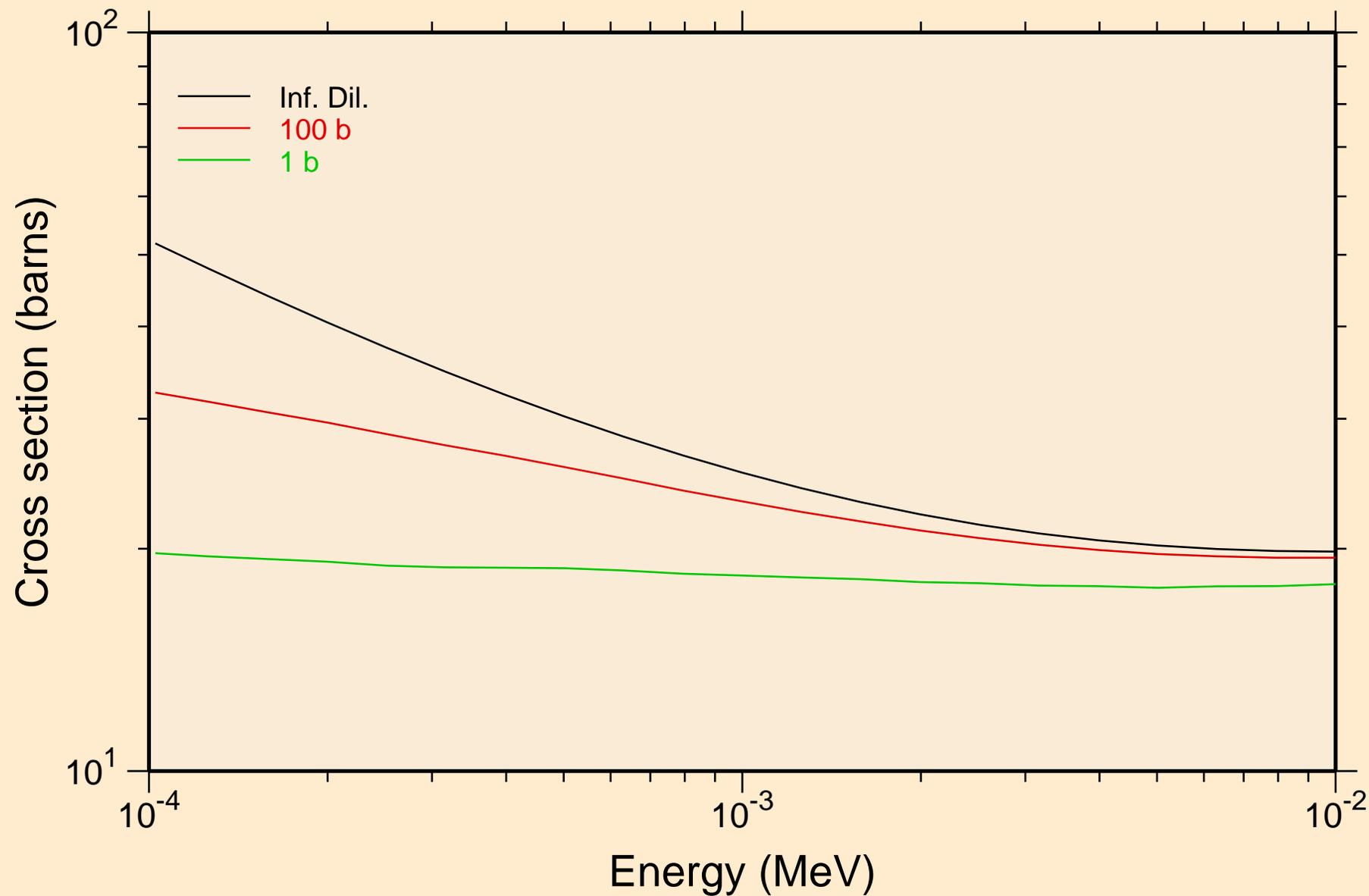
# ADVANCE CALCULATIONS

## resonance absorption cross sections



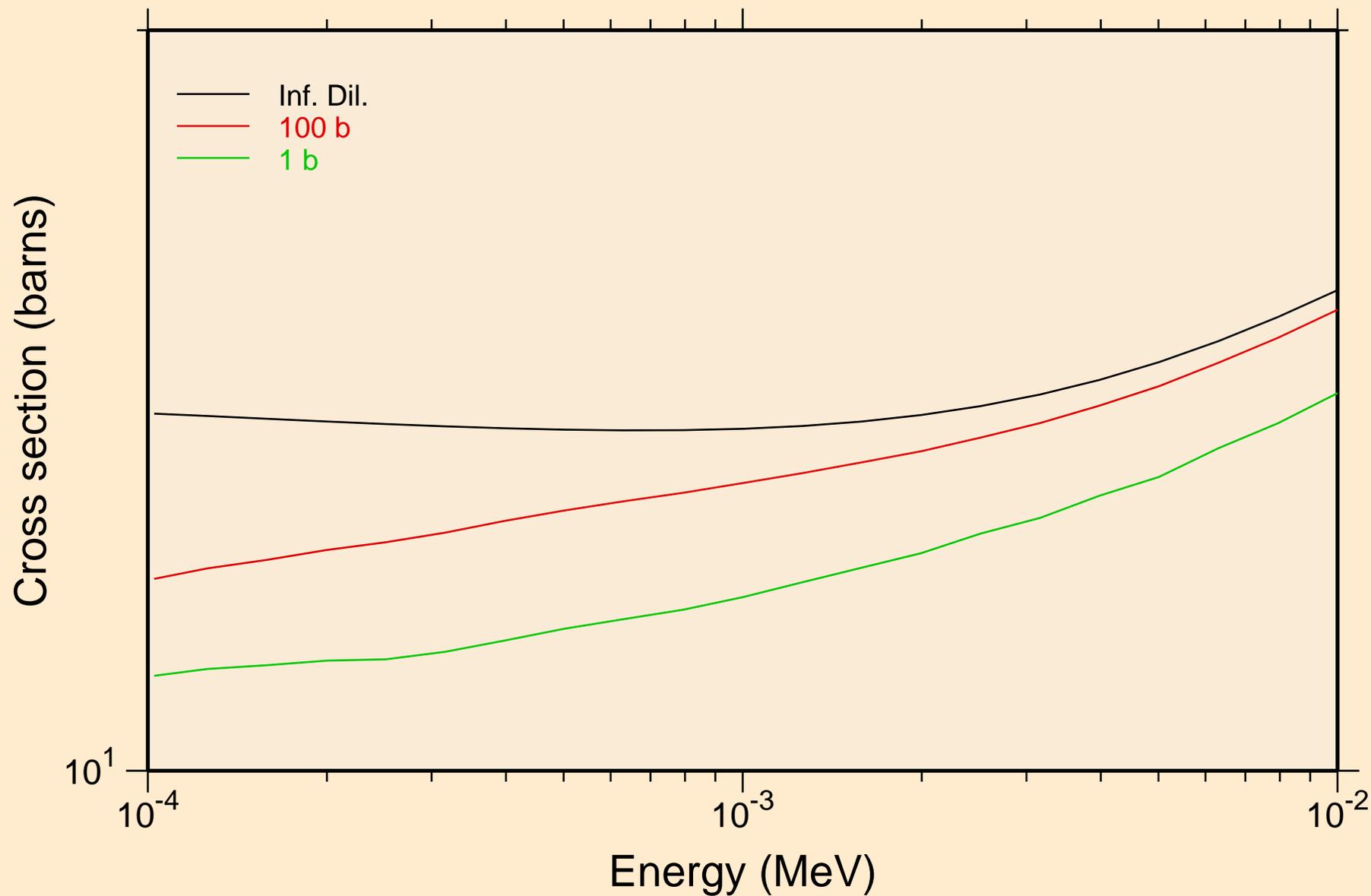
# ADVANCE CALCULATIONS

## UR total cross section



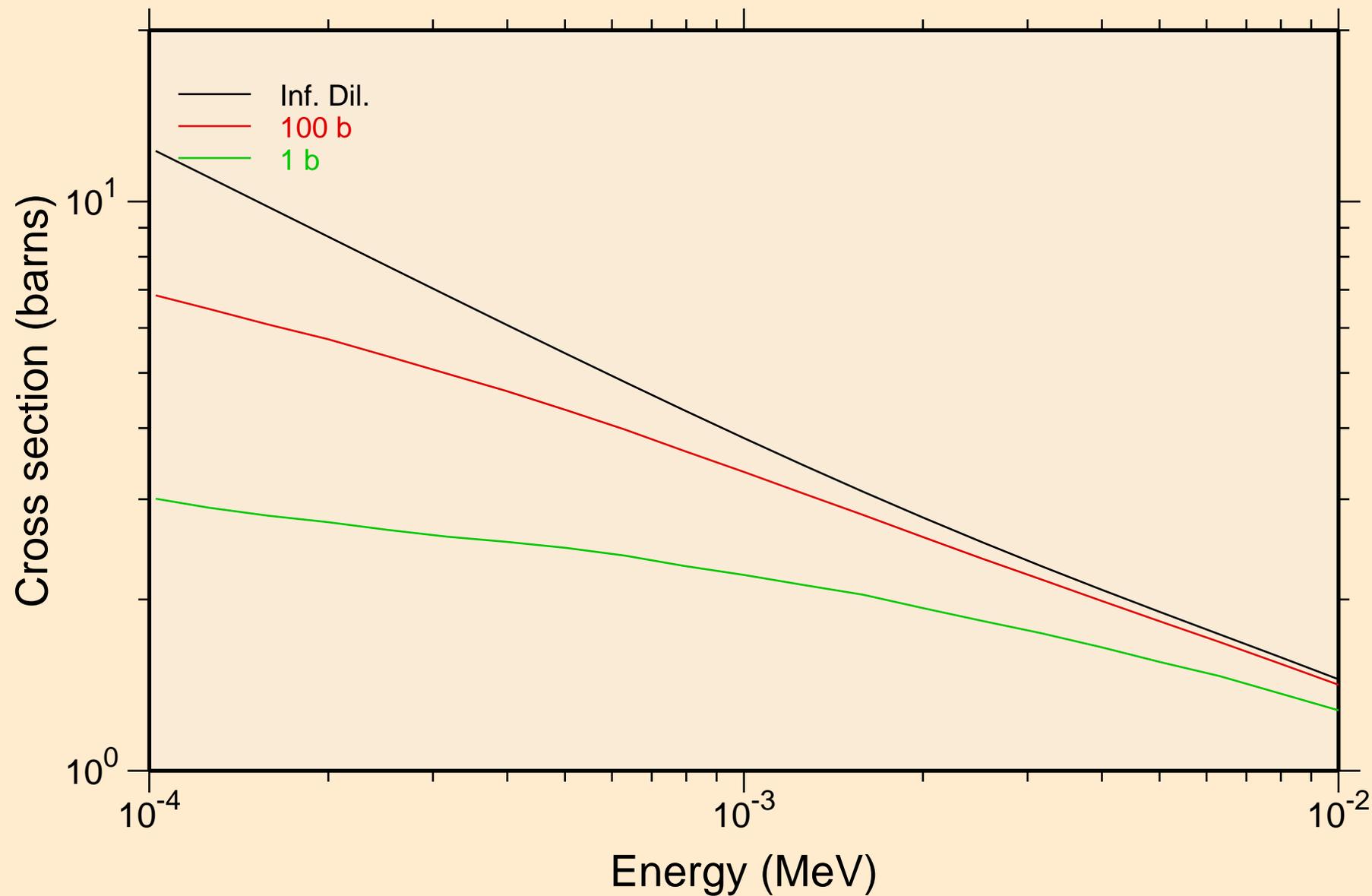
# ADVANCE CALCULATIONS

## UR elastic cross section



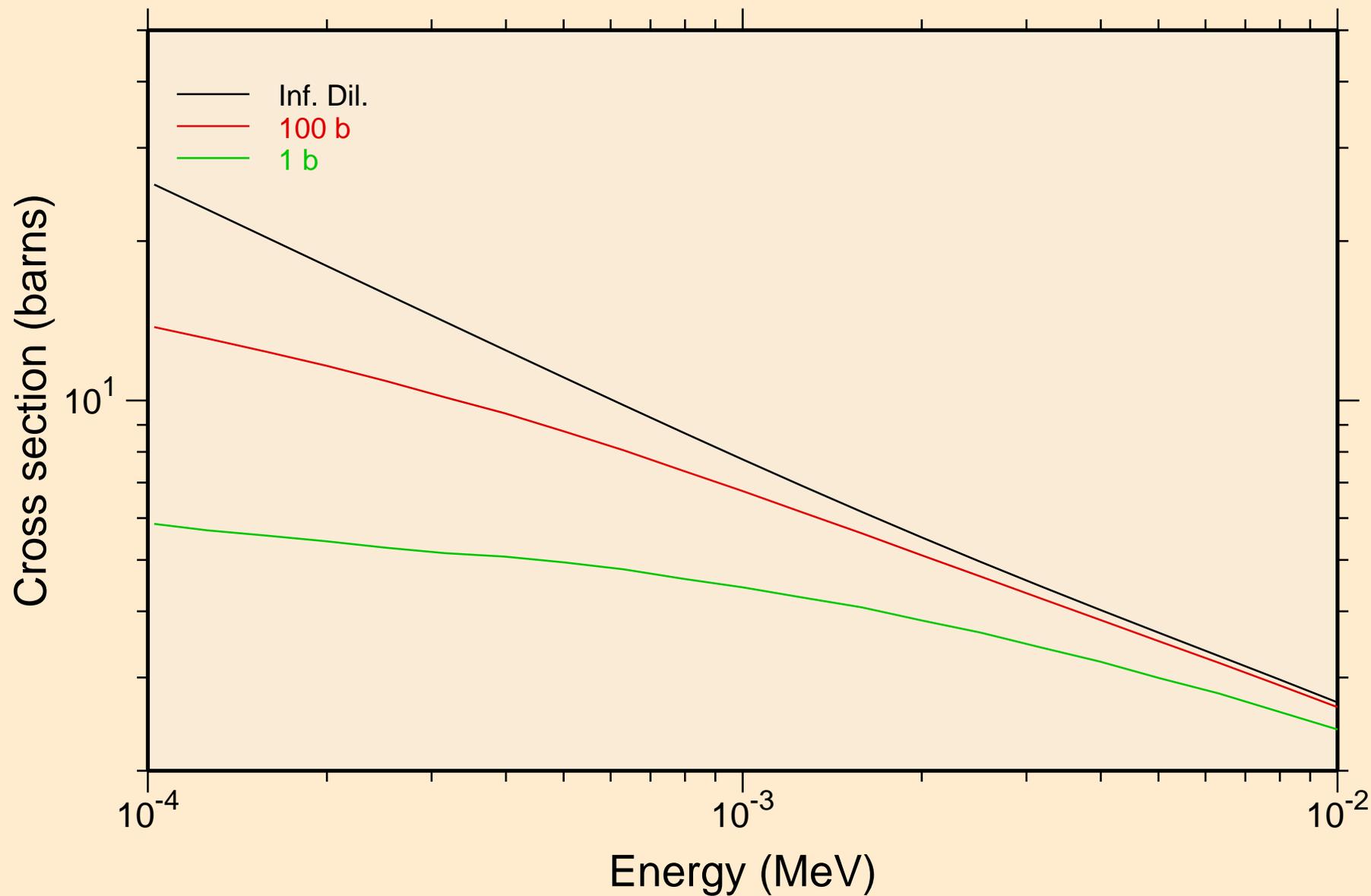
# ADVANCE CALCULATIONS

## UR fission cross section



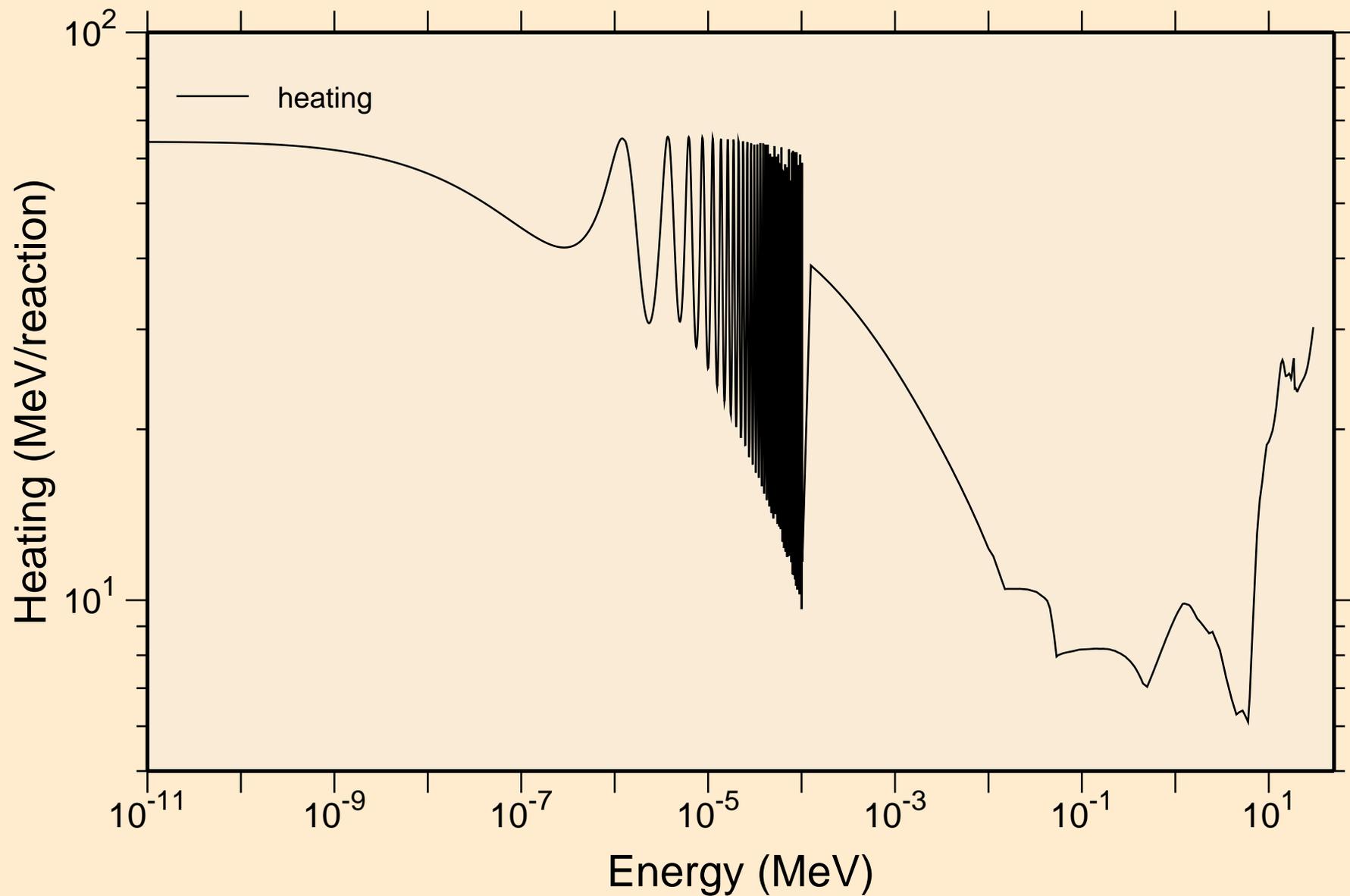
# ADVANCE CALCULATIONS

## UR capture cross section



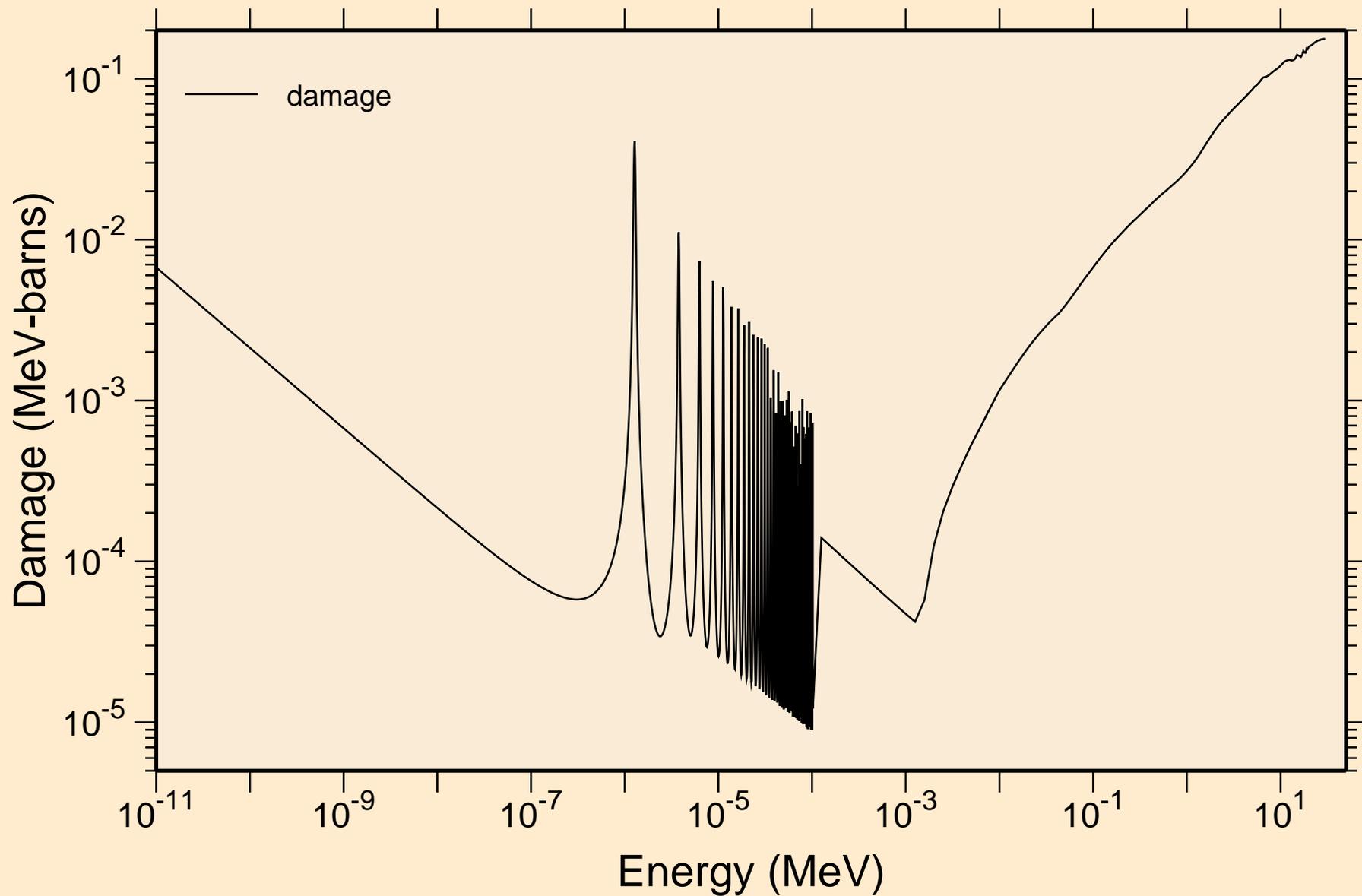
# ADVANCE CALCULATIONS

## Heating



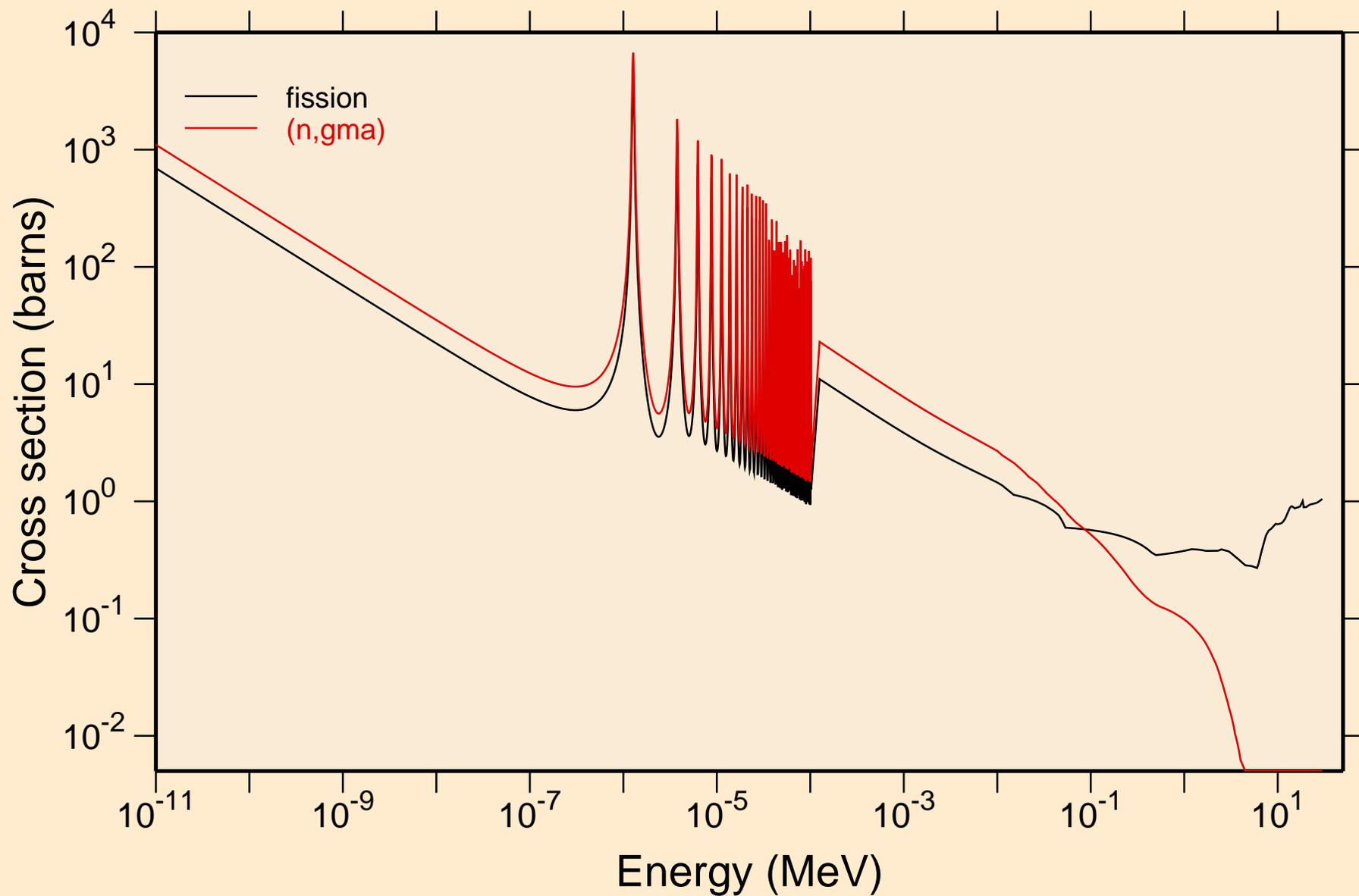
# ADVANCE CALCULATIONS

## Damage



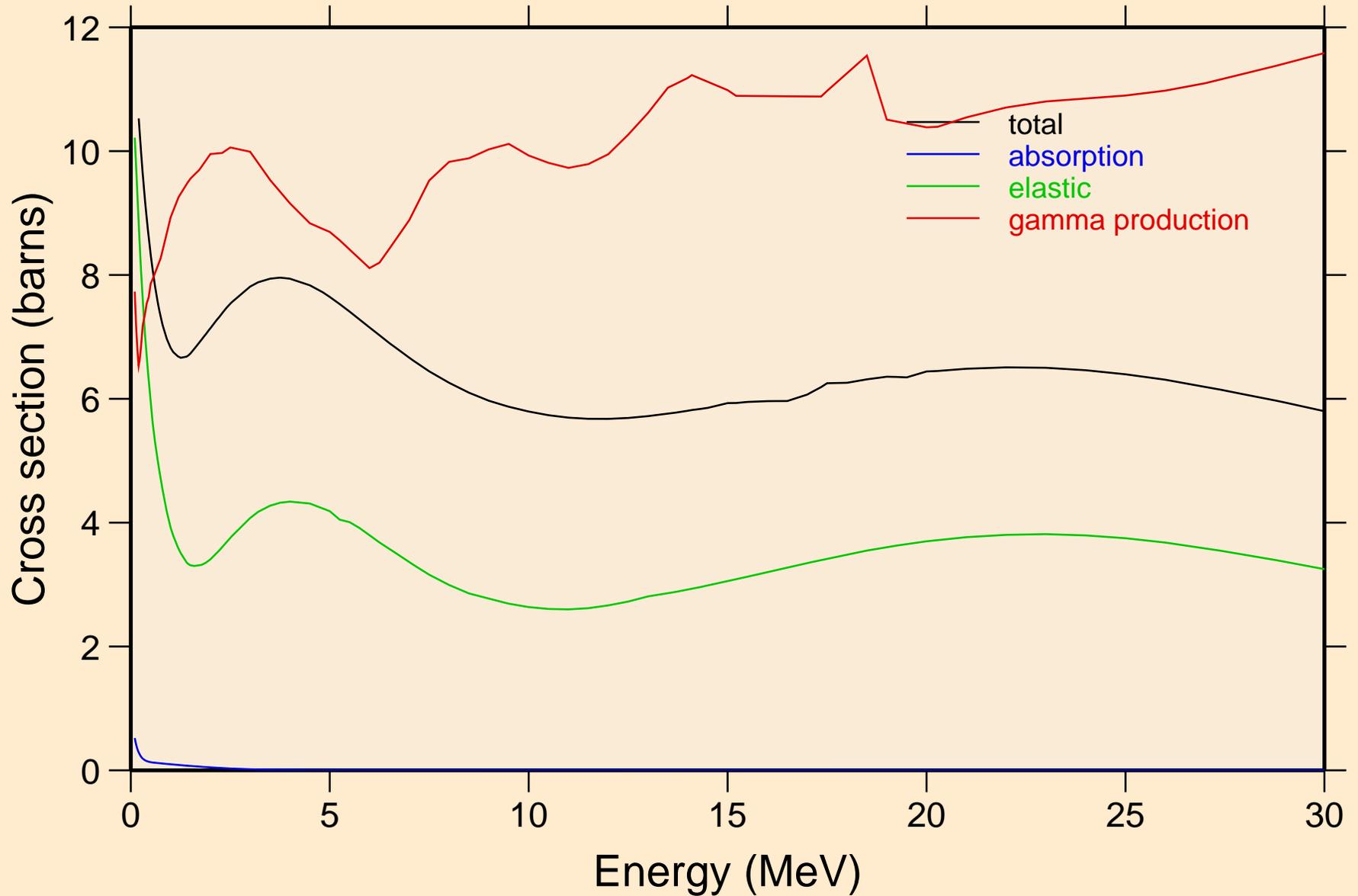
# ADVANCE CALCULATIONS

## Non-threshold reactions



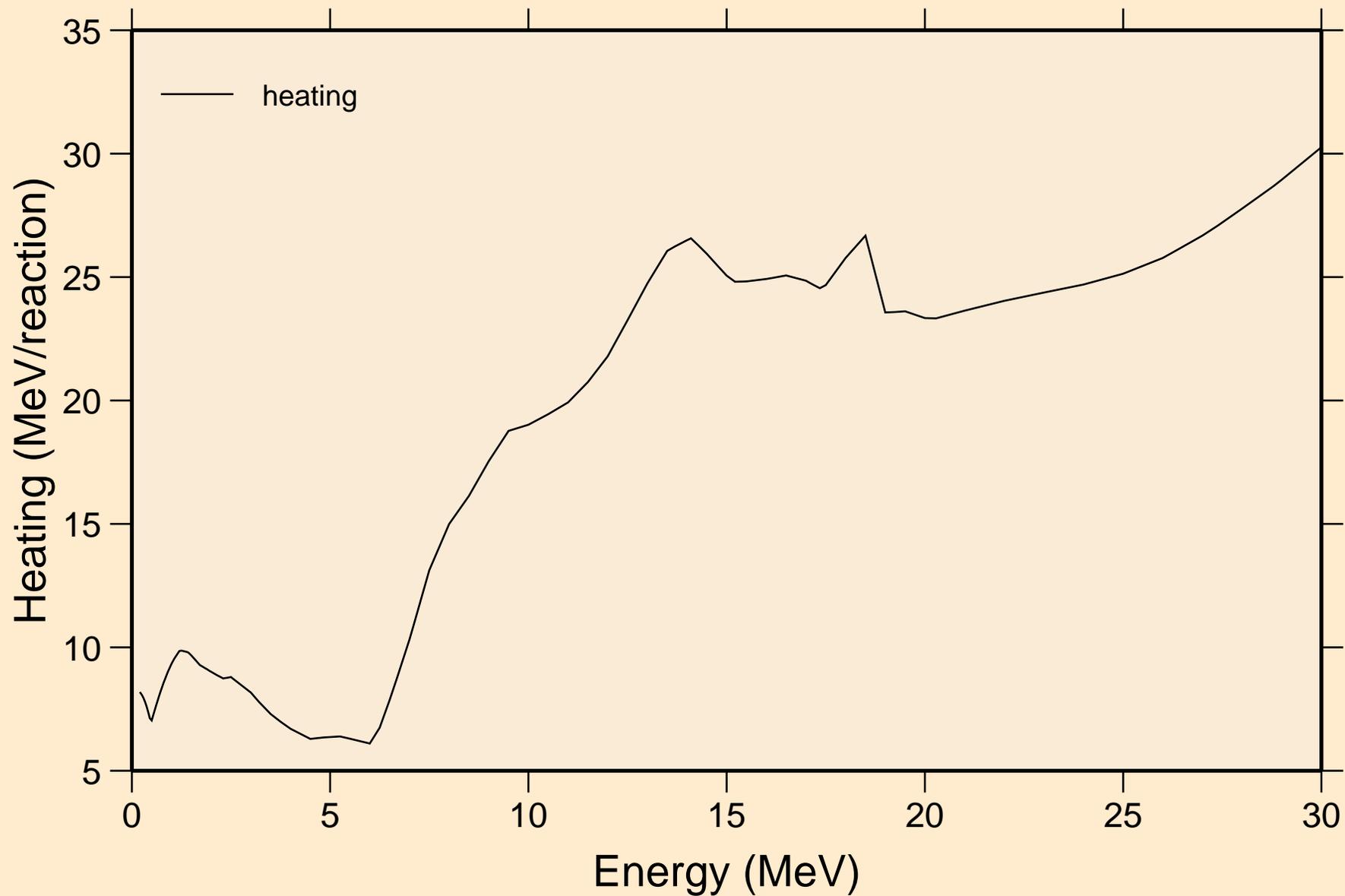
# ADVANCE CALCULATIONS

## Principal cross sections



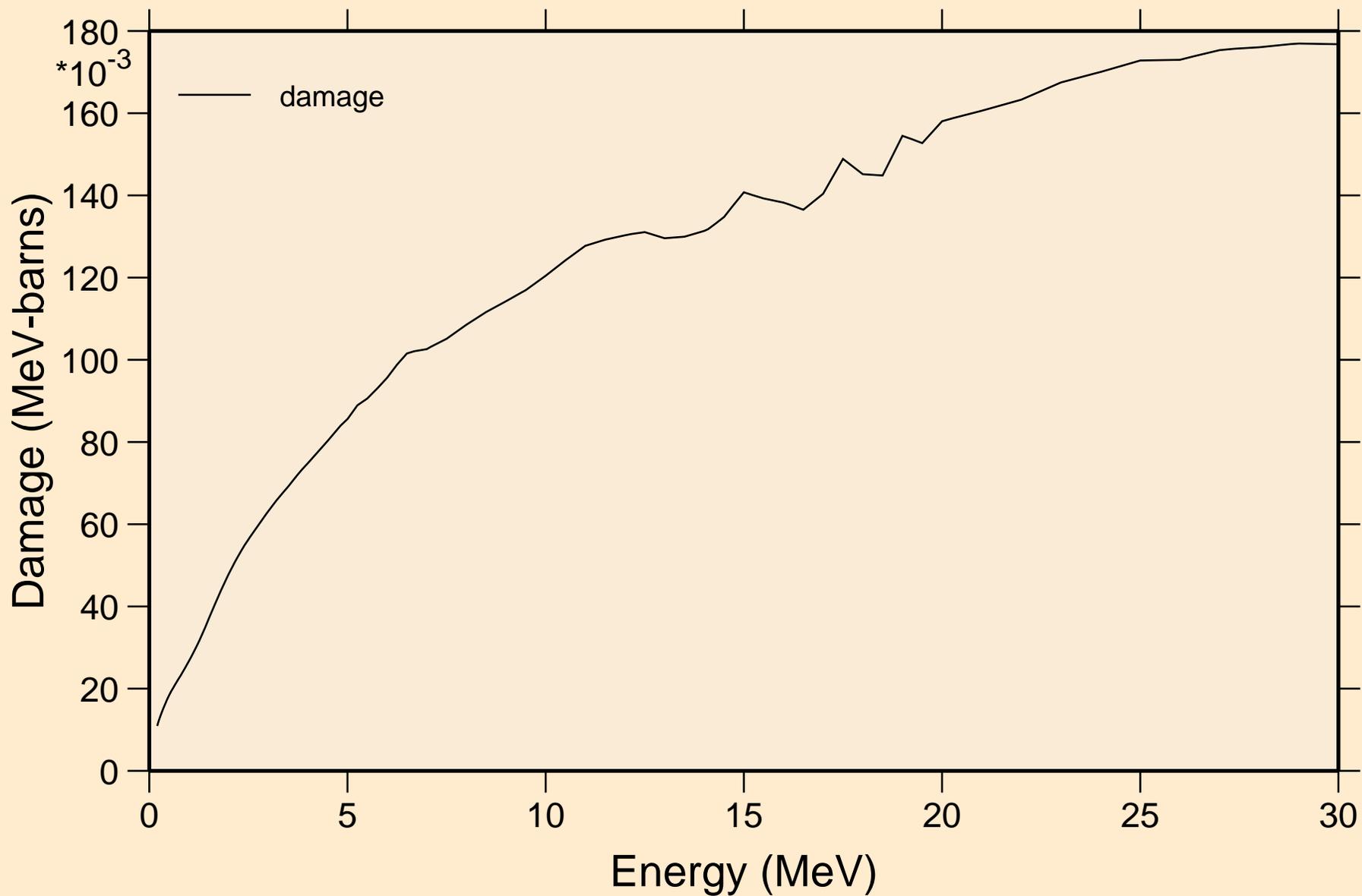
# ADVANCE CALCULATIONS

## Heating



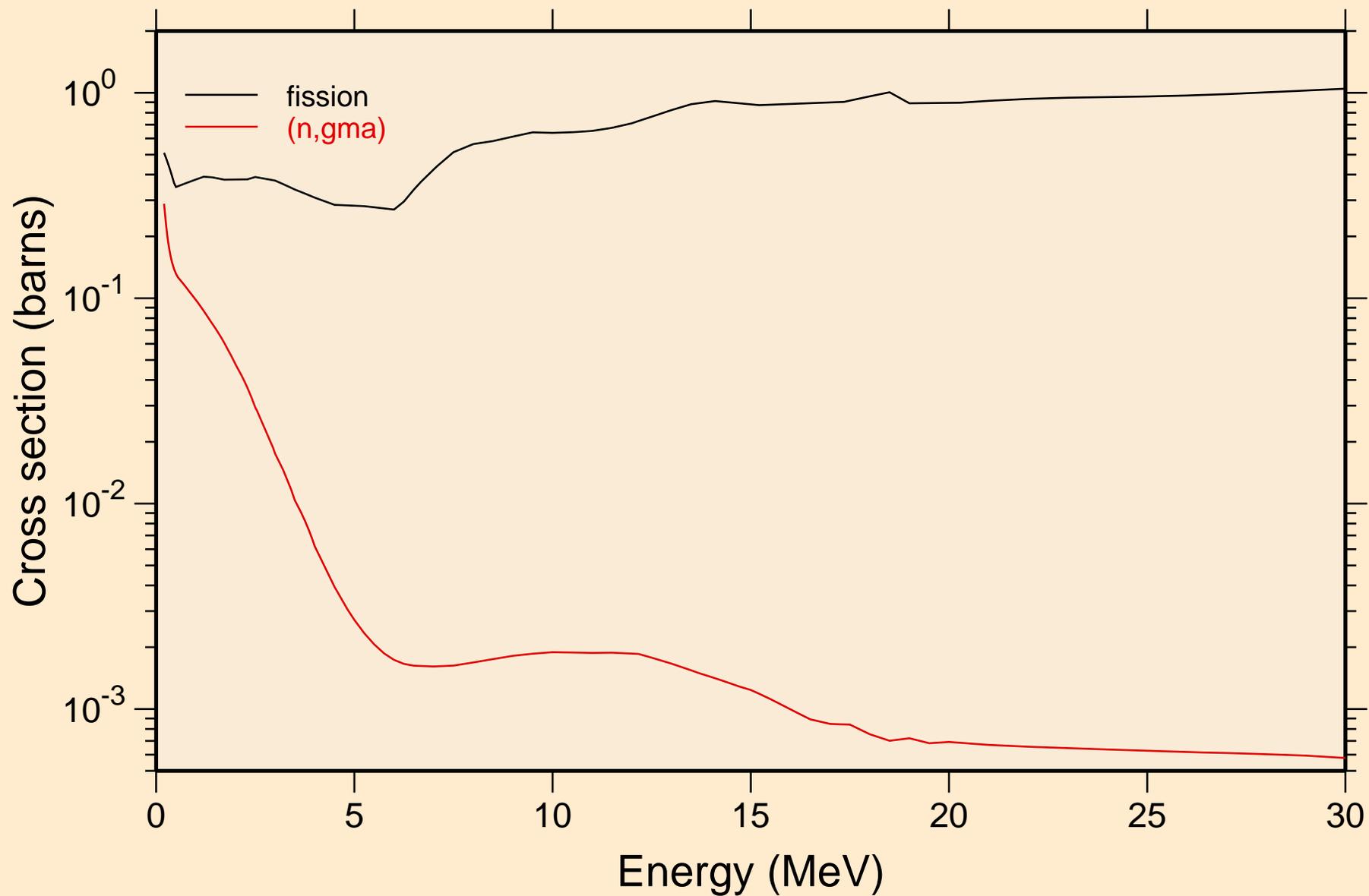
# ADVANCE CALCULATIONS

## Damage



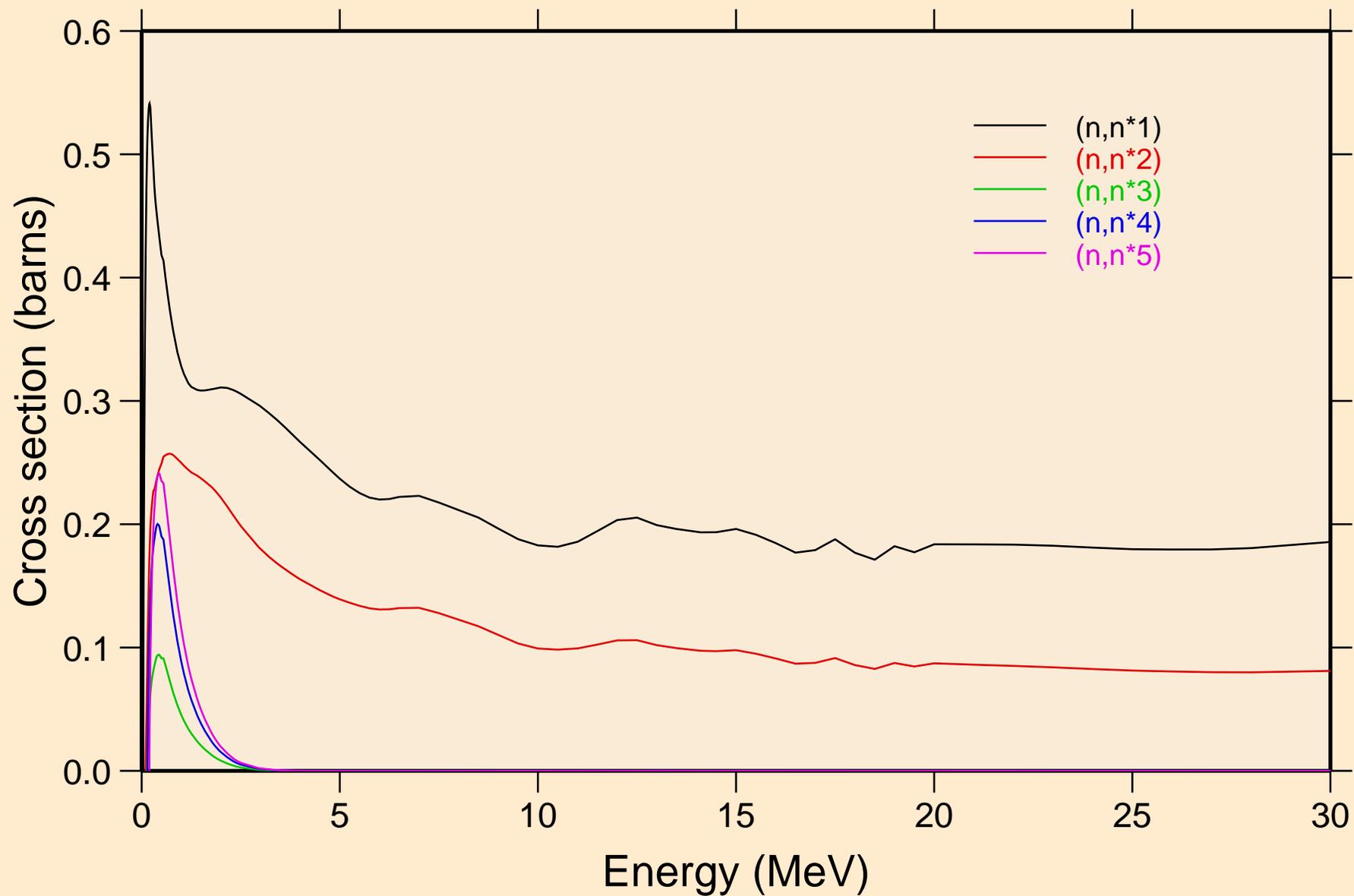
# ADVANCE CALCULATIONS

## Non-threshold reactions



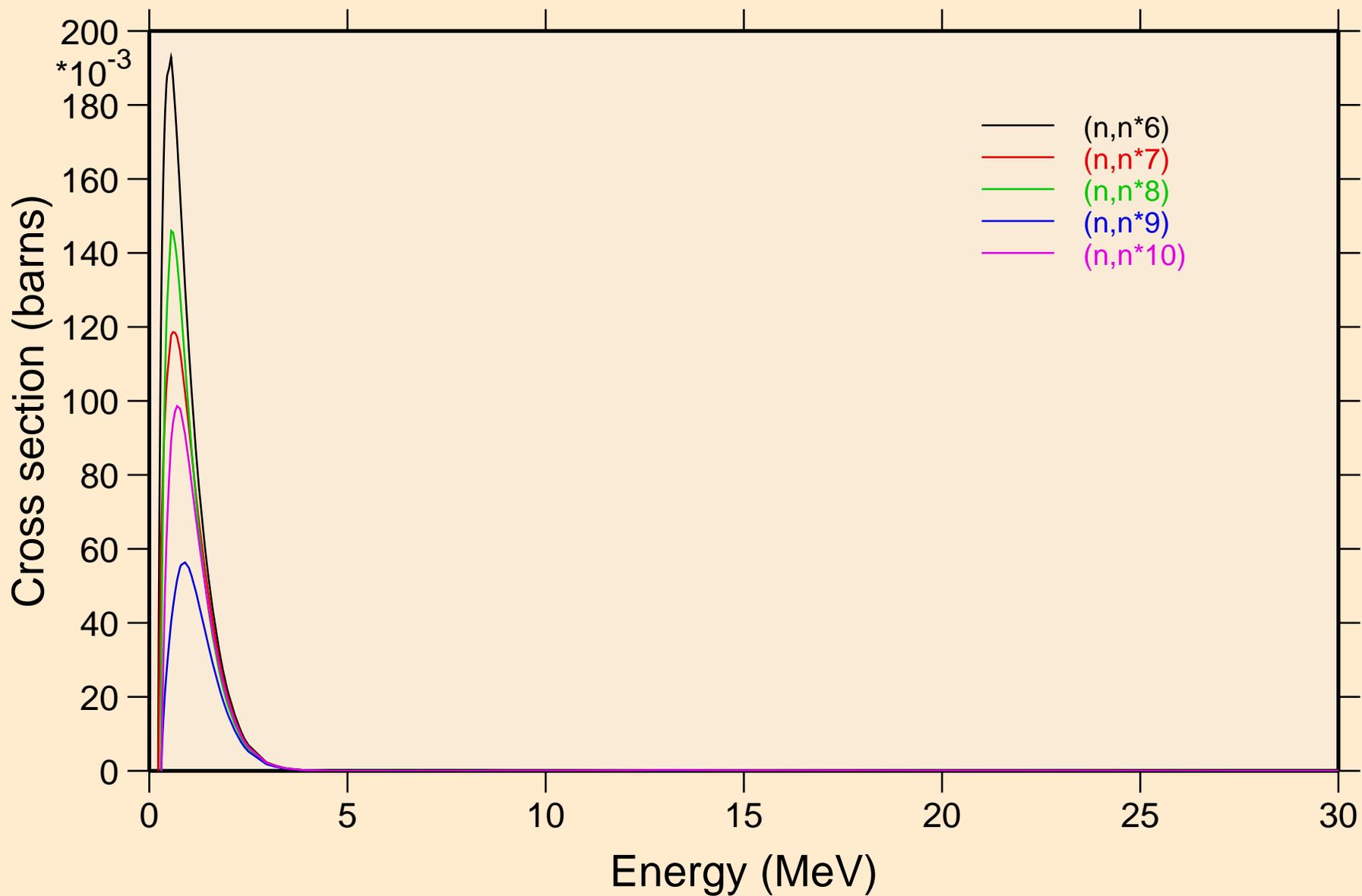
# ADVANCE CALCULATIONS

## Inelastic levels



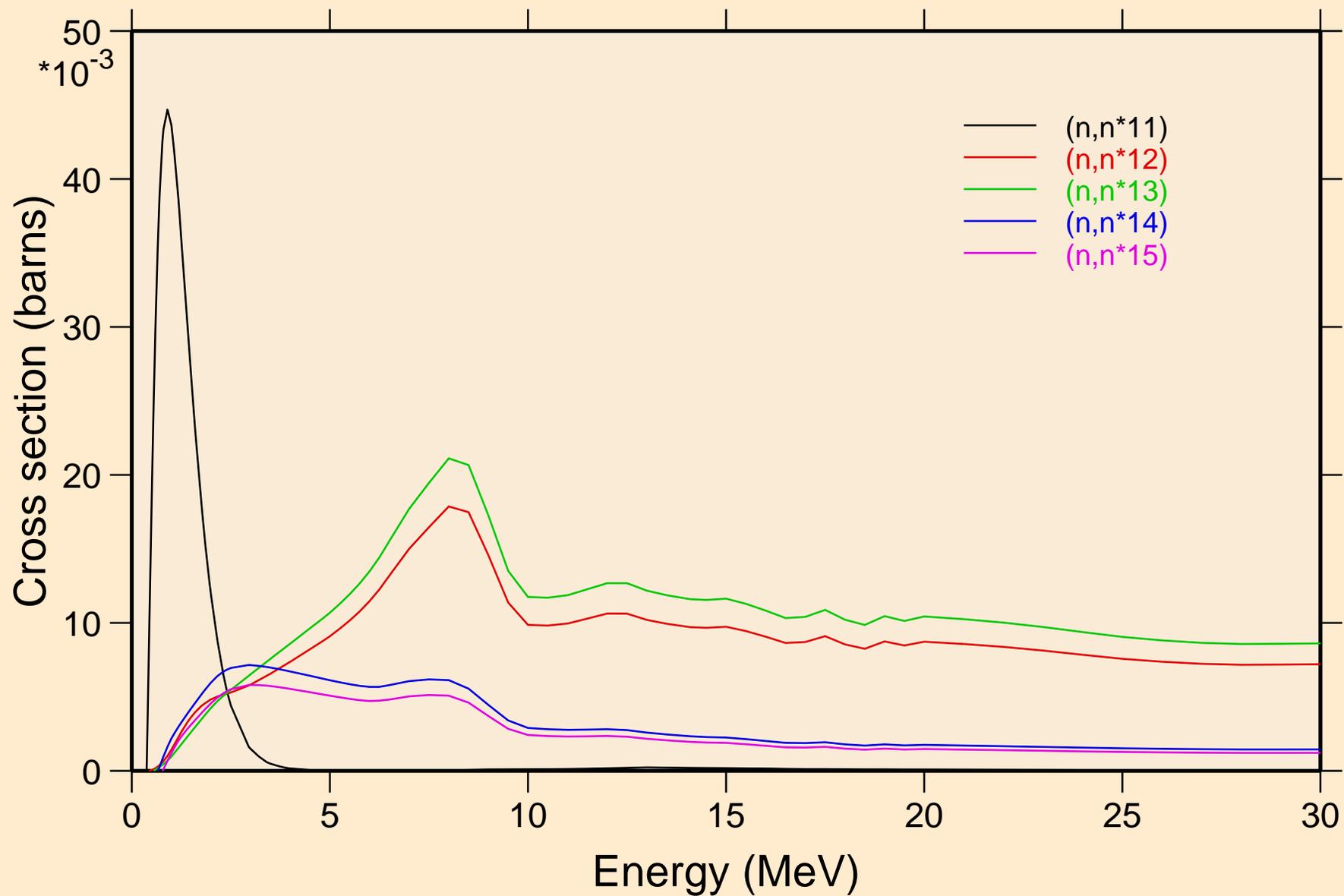
# ADVANCE CALCULATIONS

## Inelastic levels



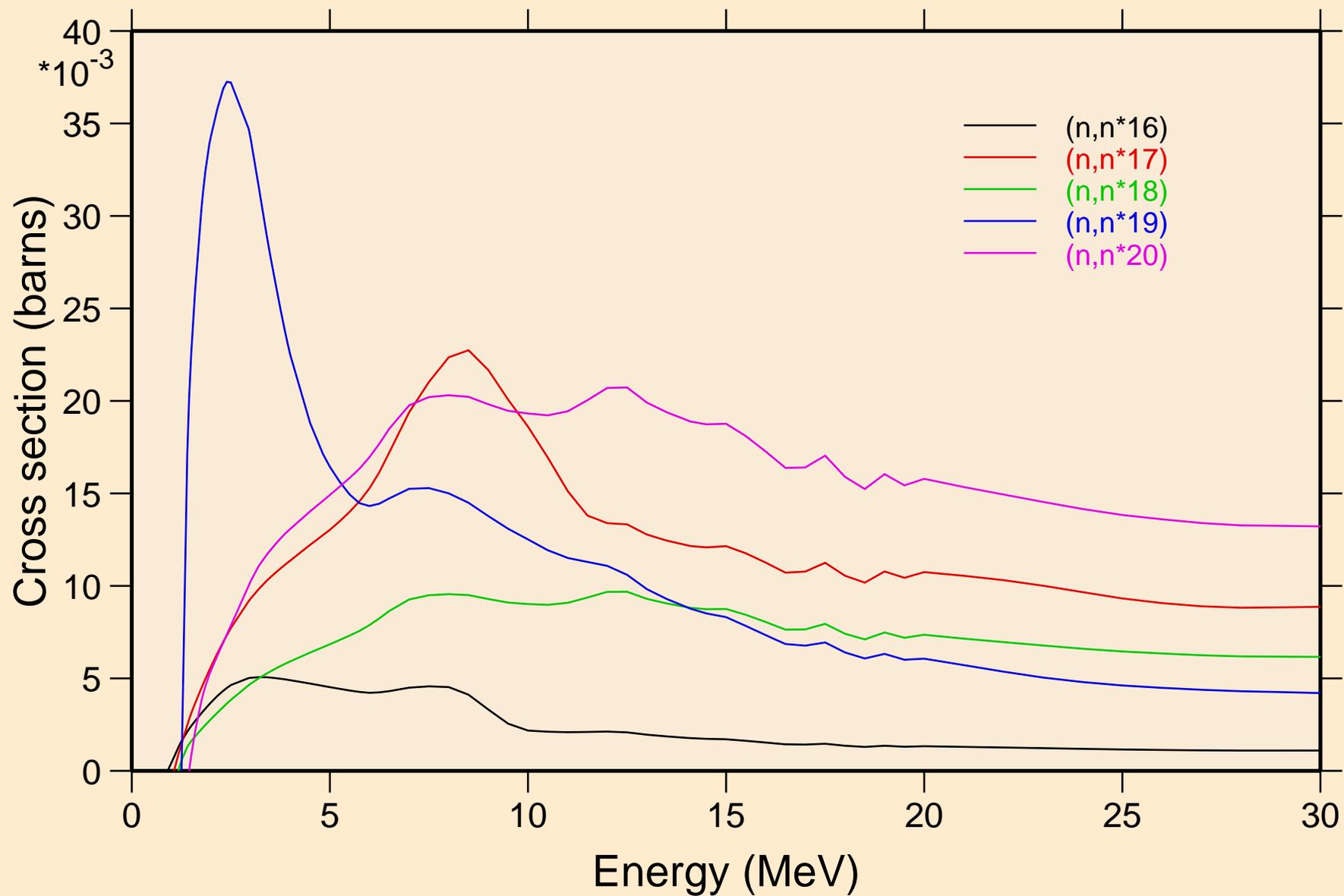
# ADVANCE CALCULATIONS

## Inelastic levels



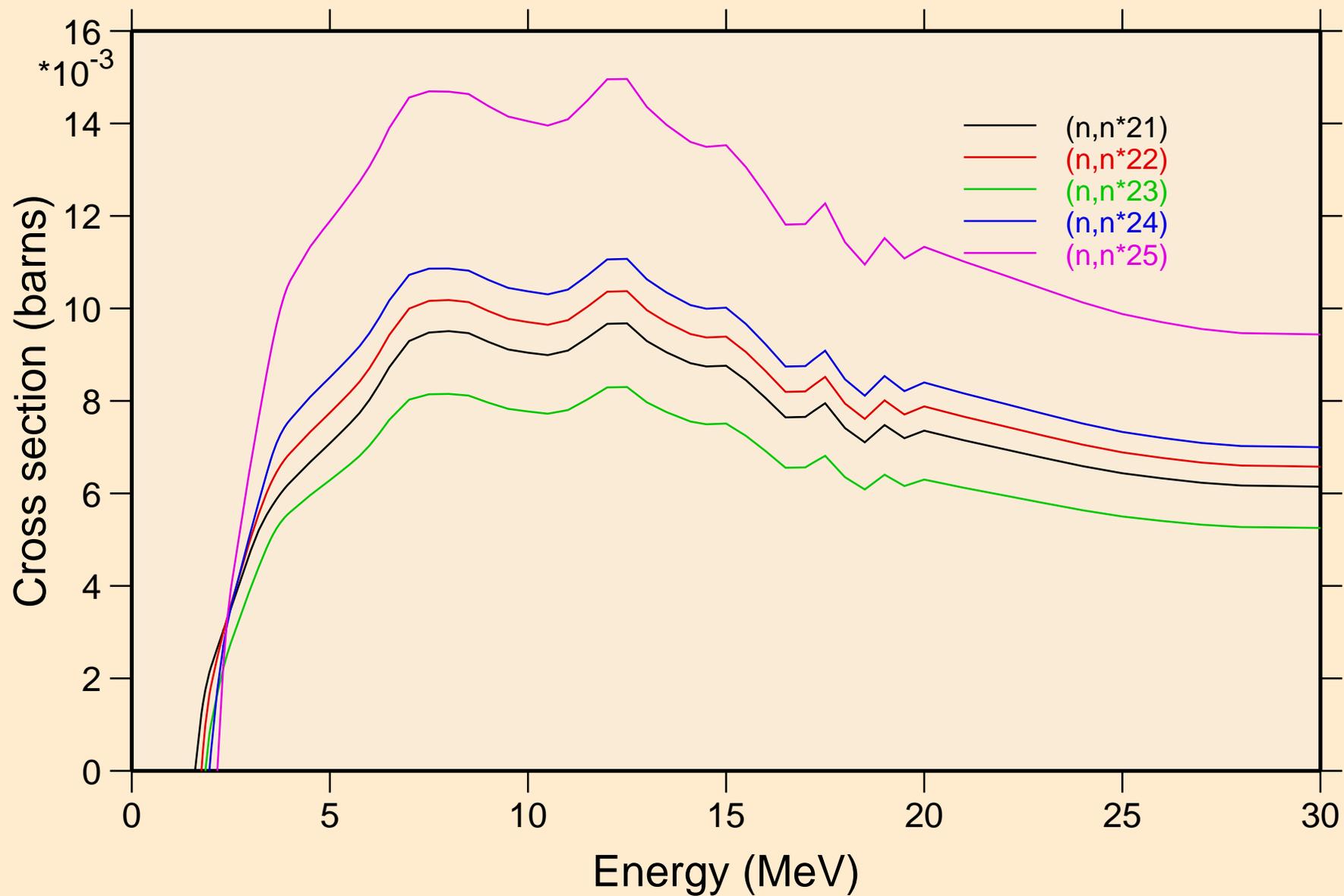
# ADVANCE CALCULATIONS

## Inelastic levels



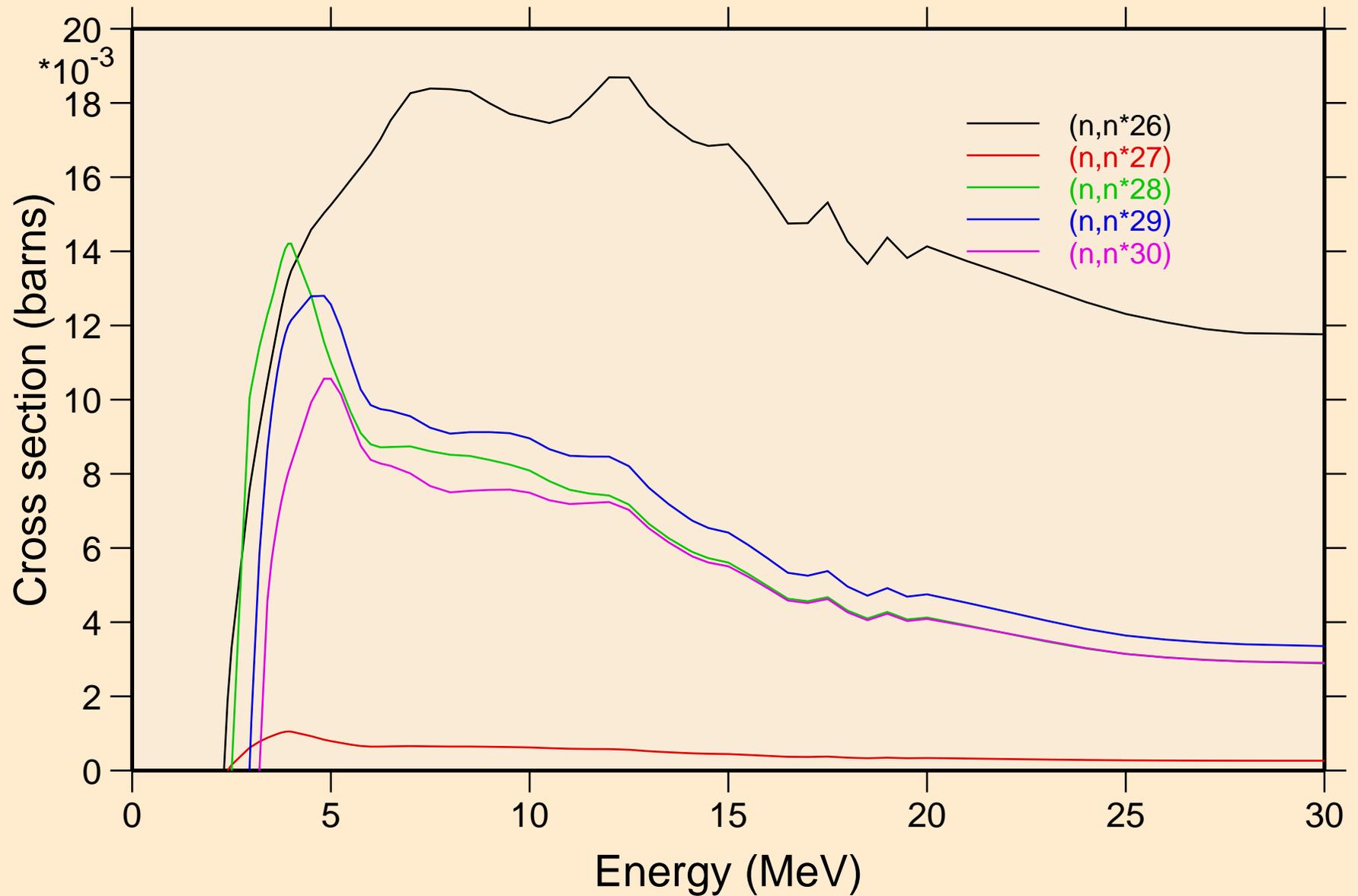
# ADVANCE CALCULATIONS

## Inelastic levels



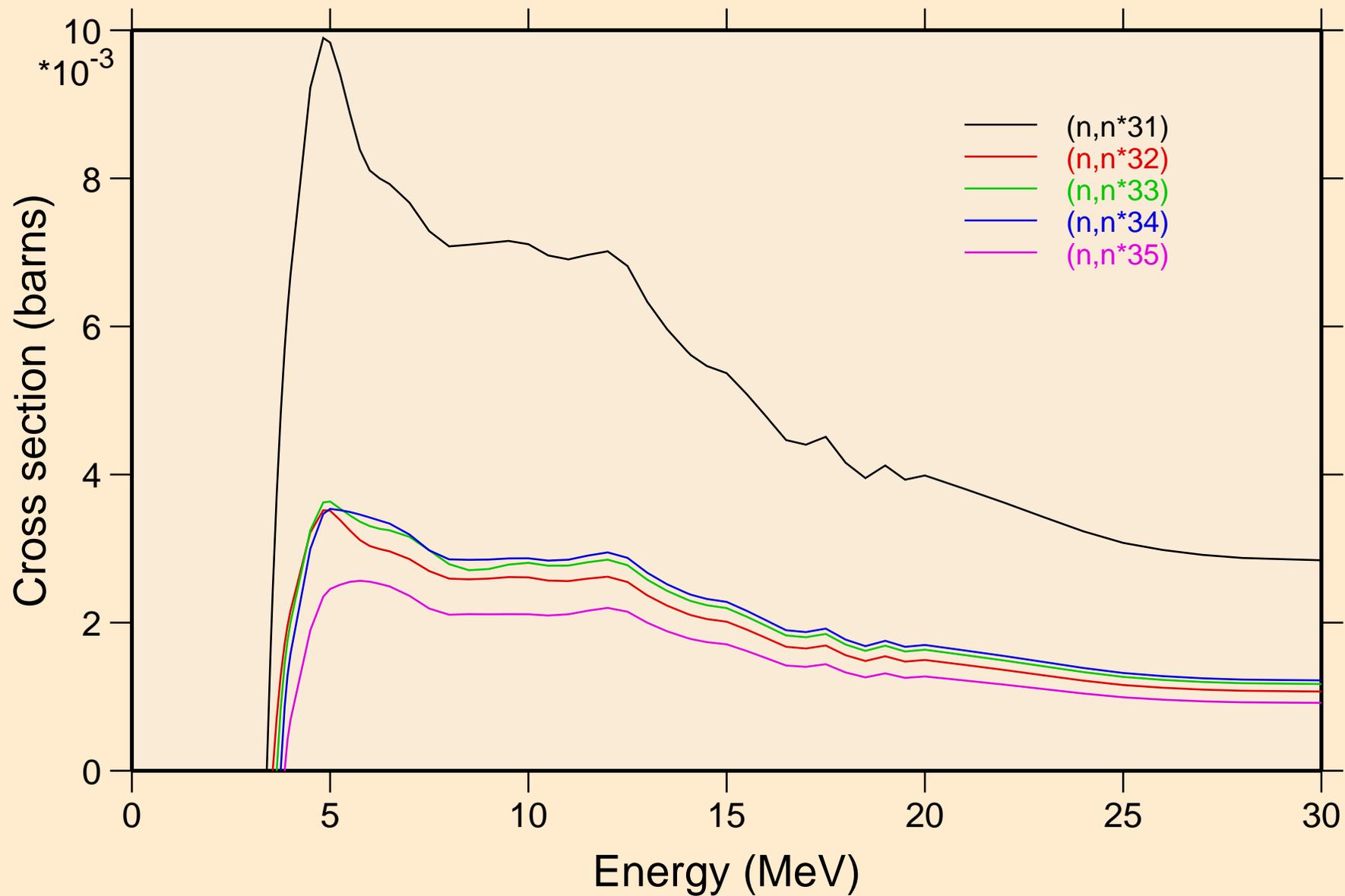
# ADVANCE CALCULATIONS

## Inelastic levels



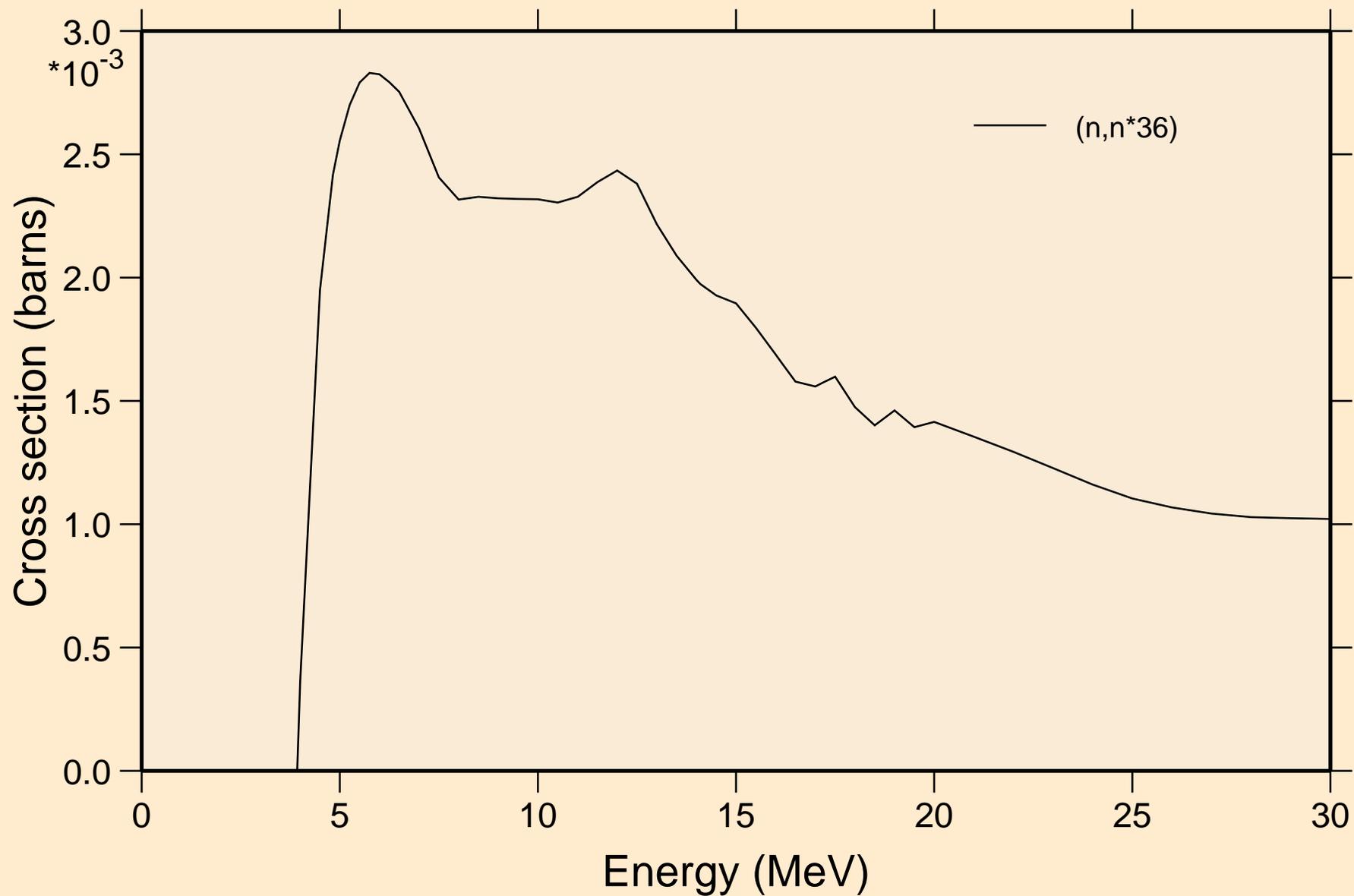
# ADVANCE CALCULATIONS

## Inelastic levels



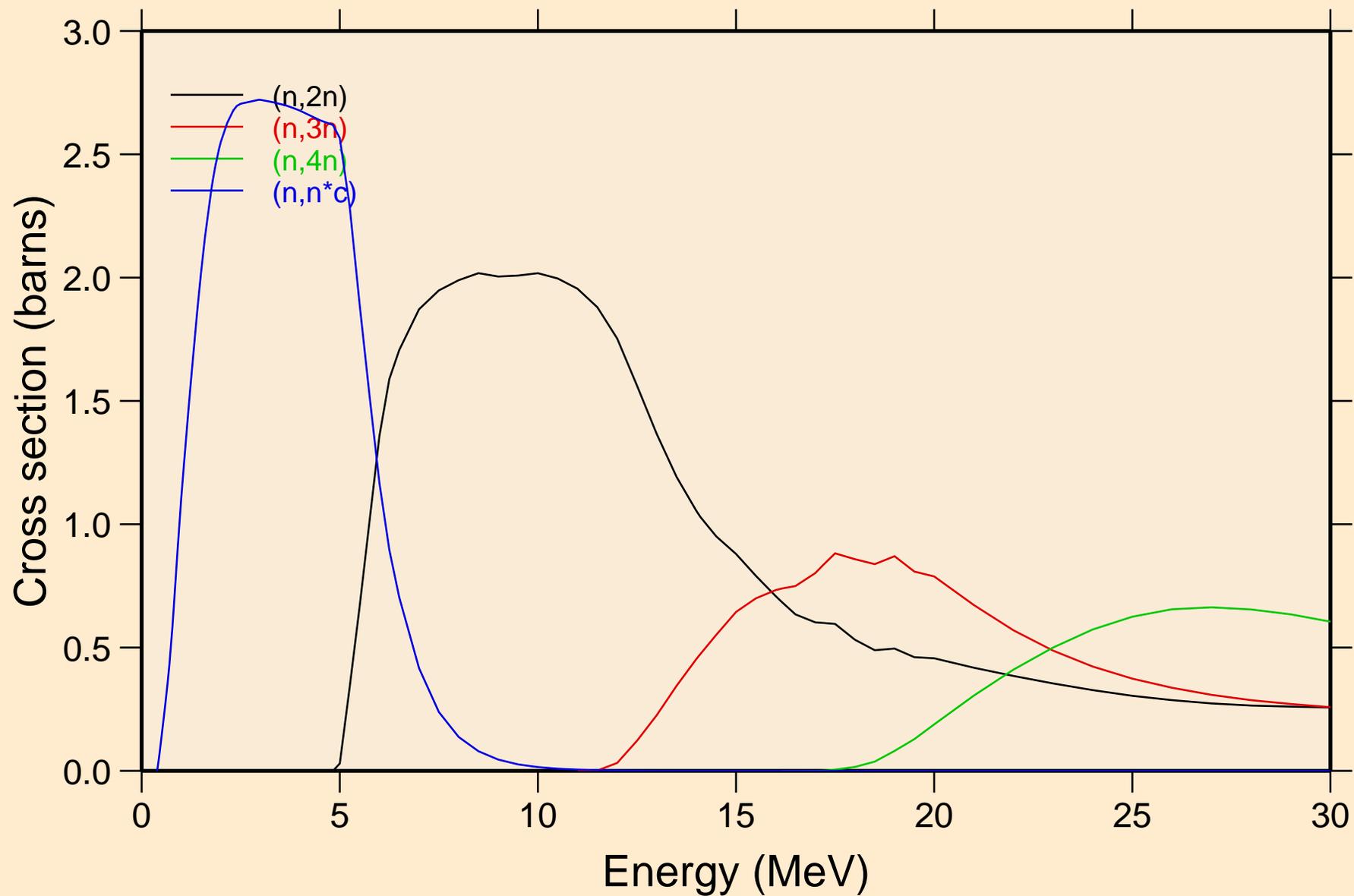
# ADVANCE CALCULATIONS

## Inelastic levels



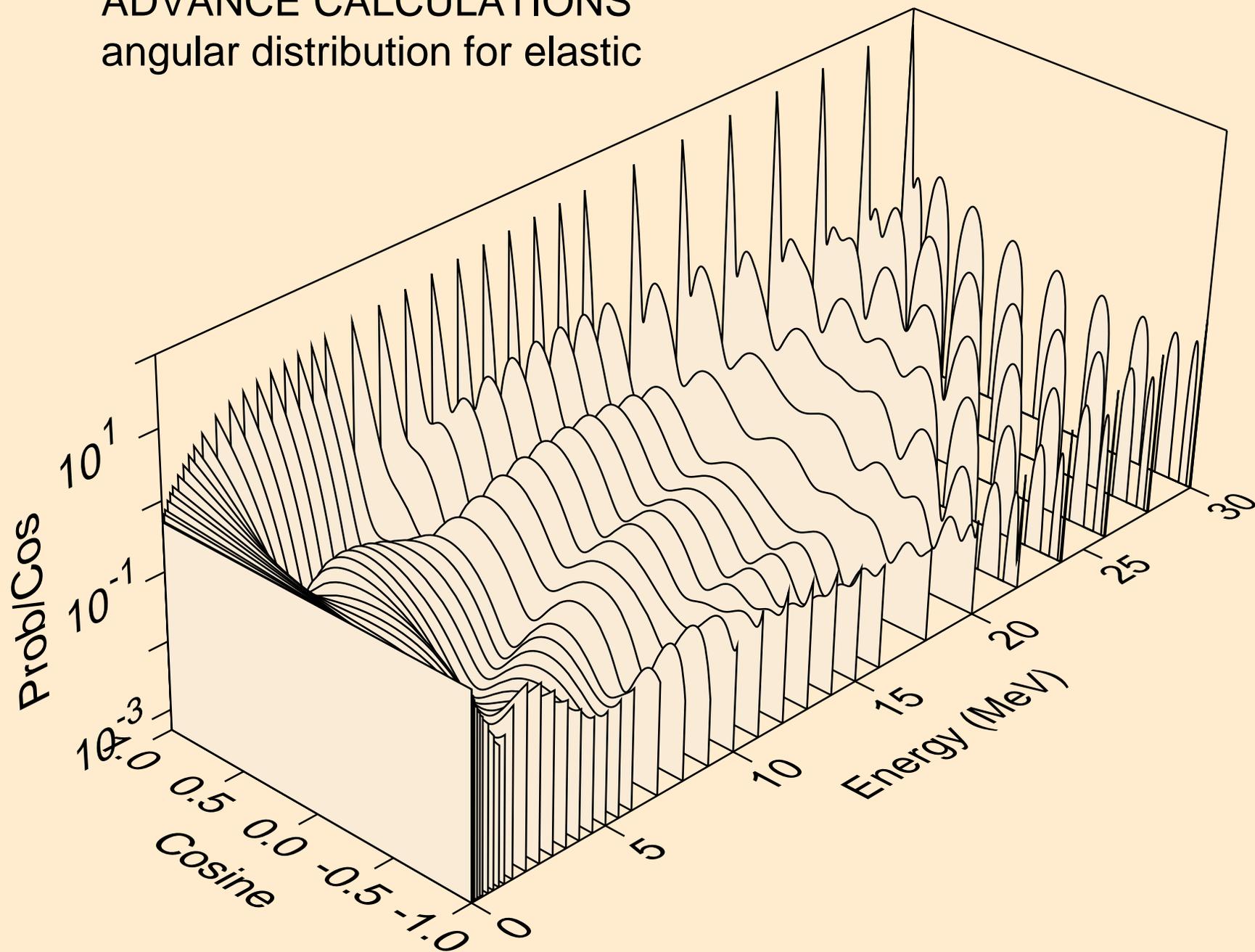
# ADVANCE CALCULATIONS

## Threshold reactions

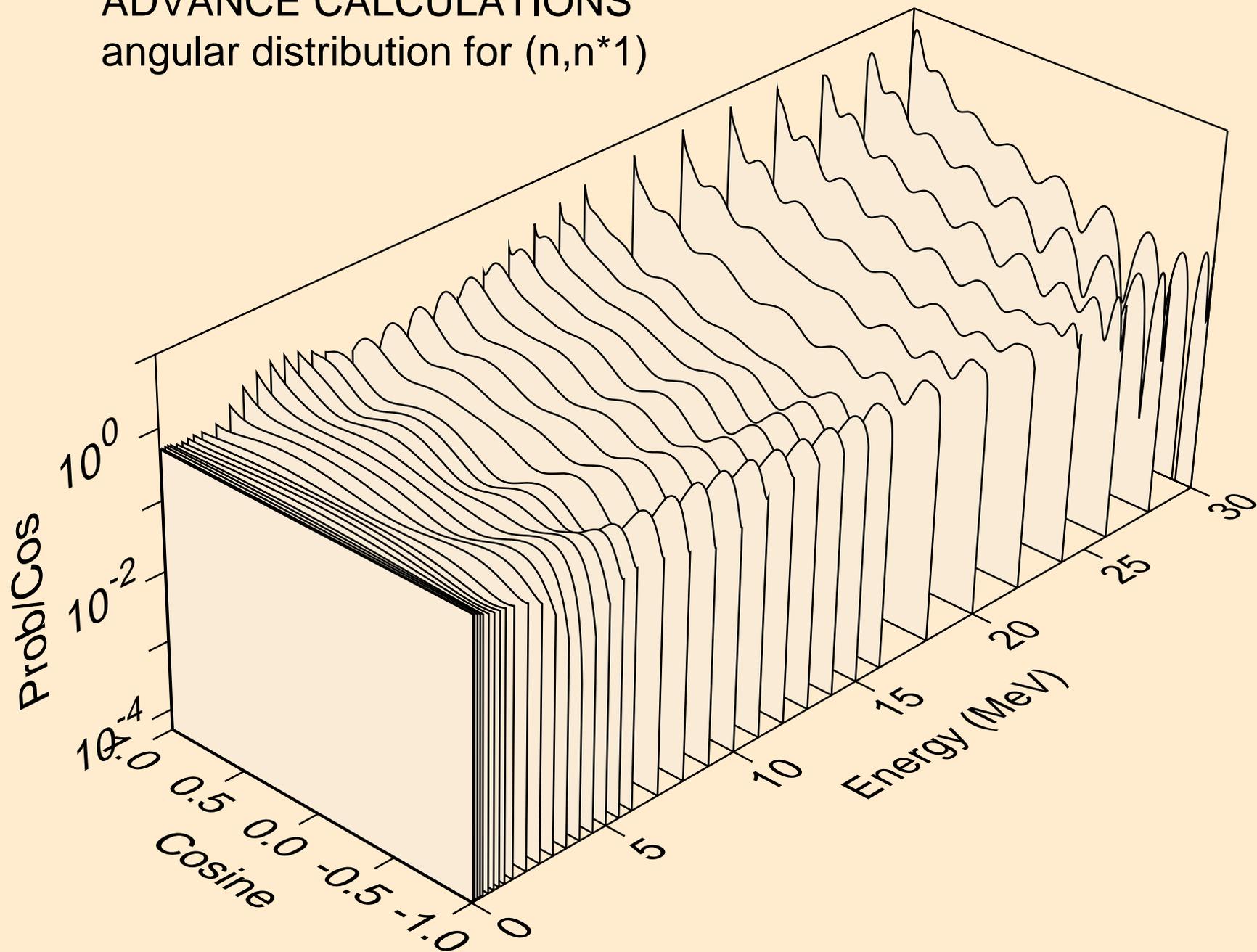


# ADVANCE CALCULATIONS

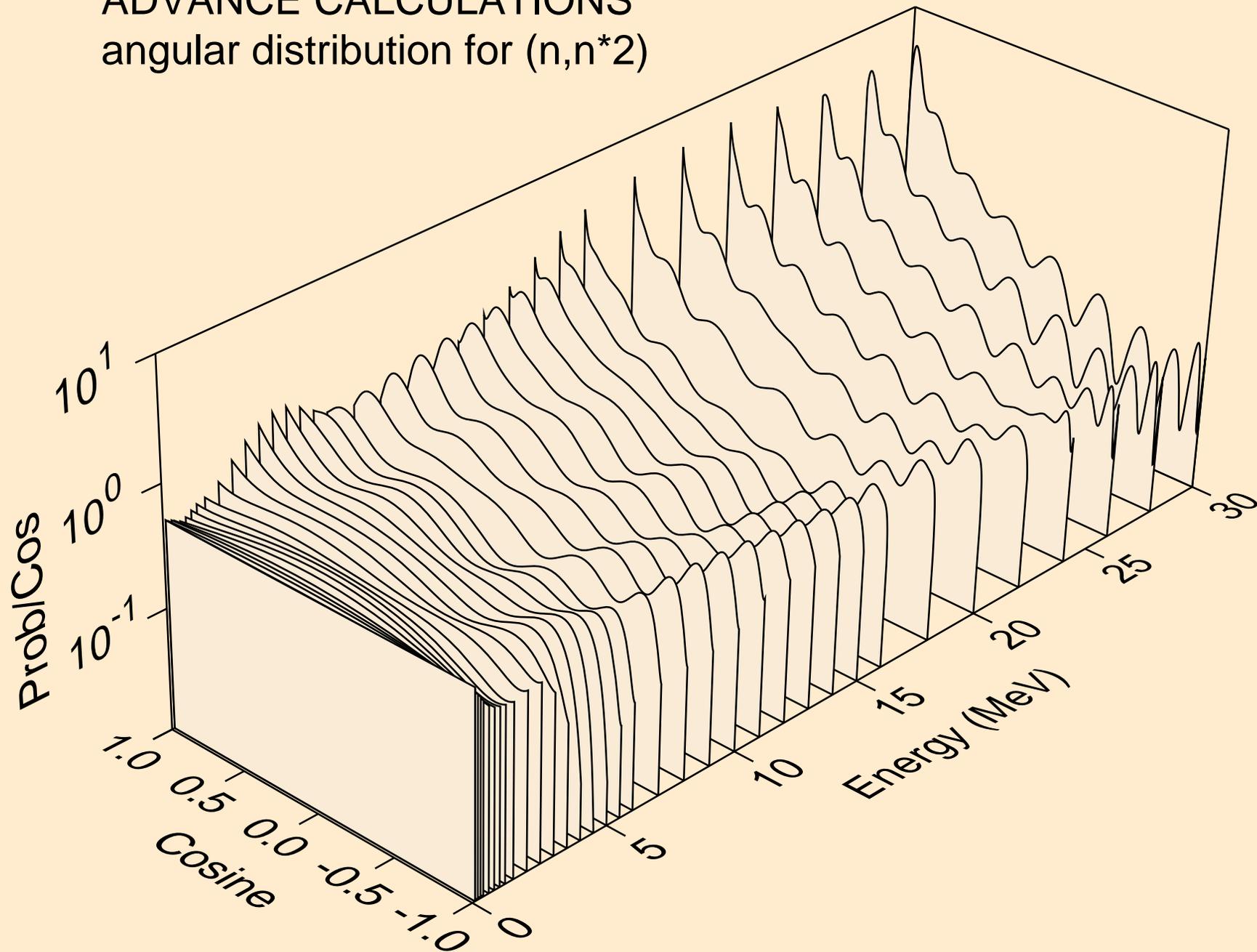
angular distribution for elastic



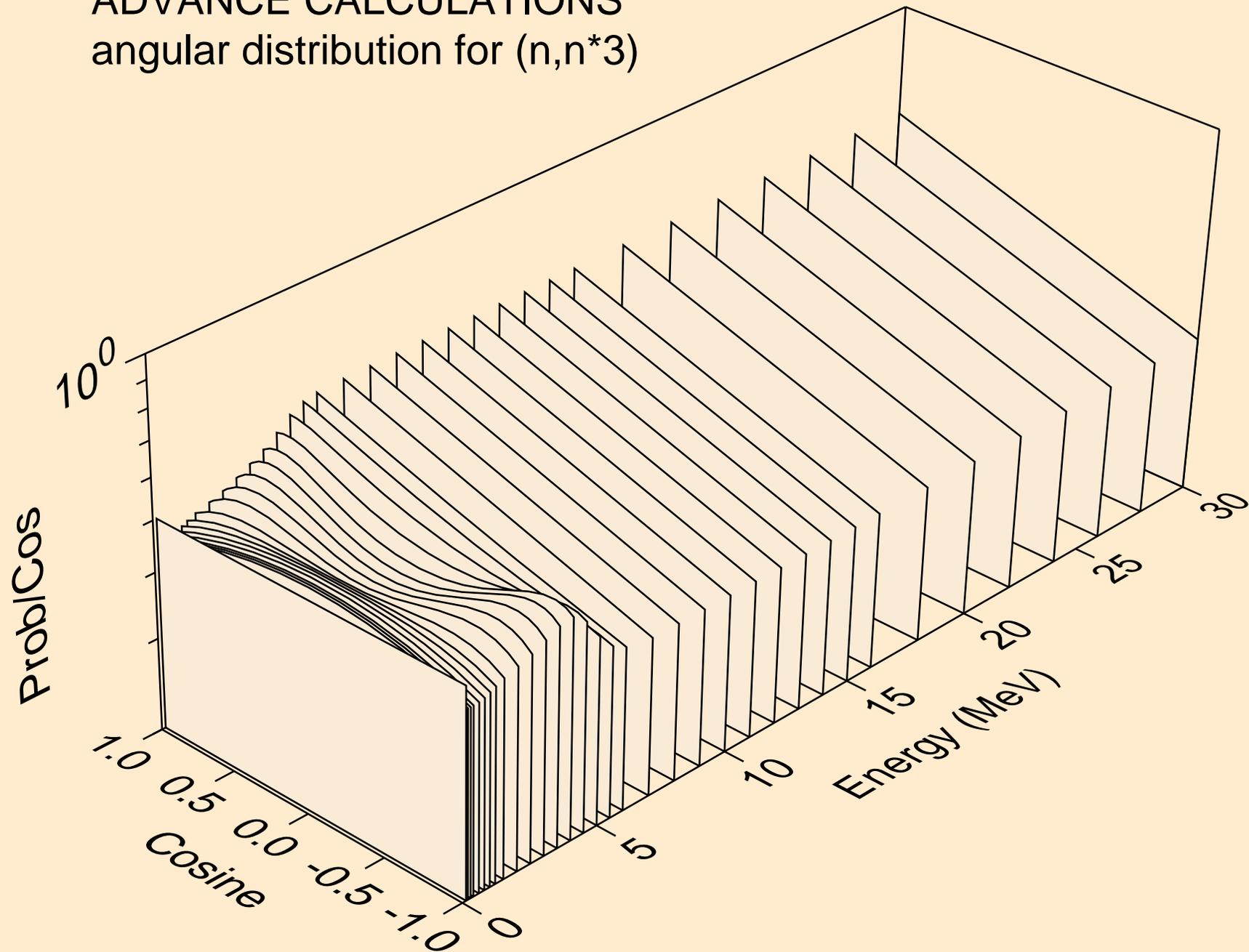
ADVANCE CALCULATIONS  
angular distribution for (n,n\*1)



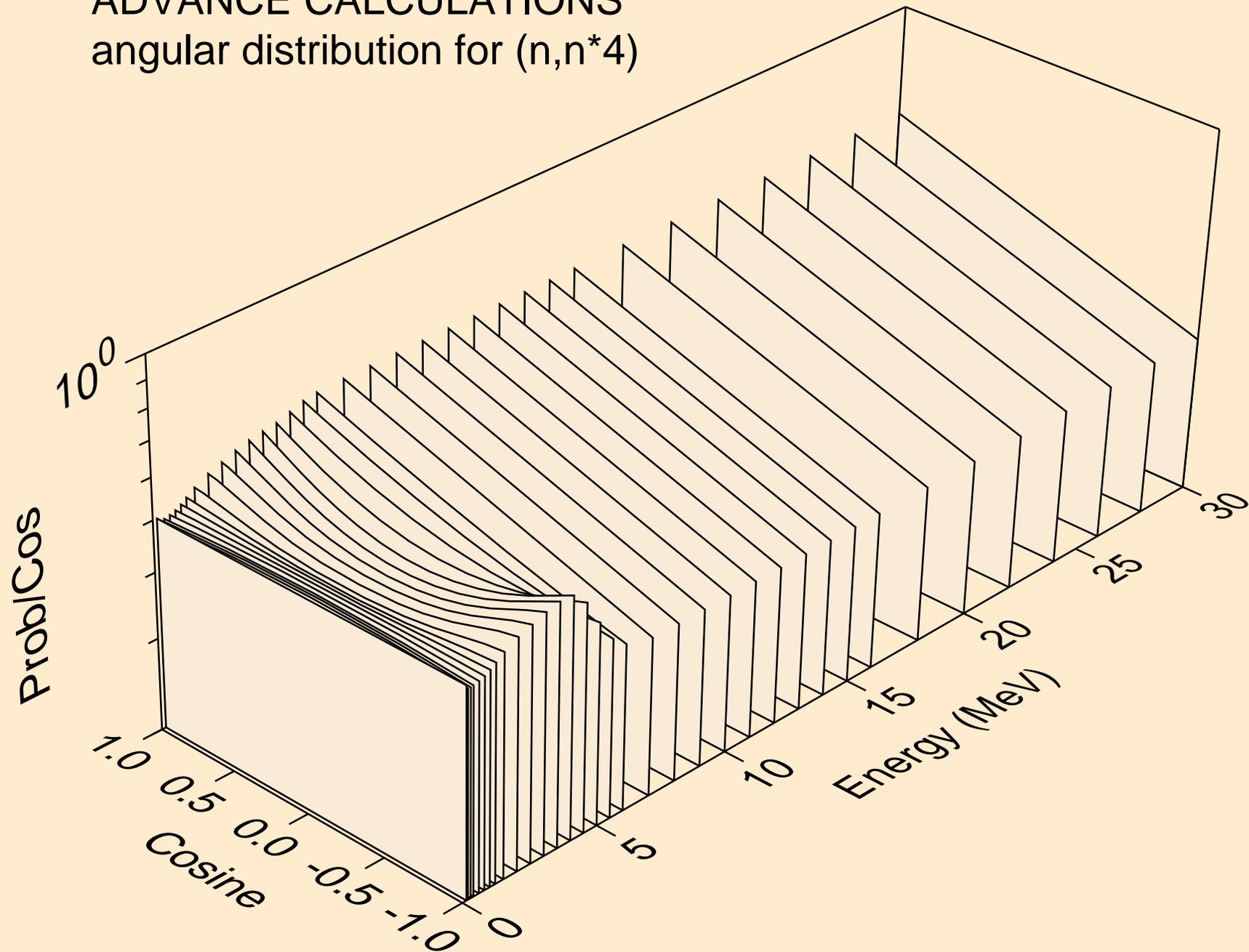
ADVANCE CALCULATIONS  
angular distribution for (n,n\*2)



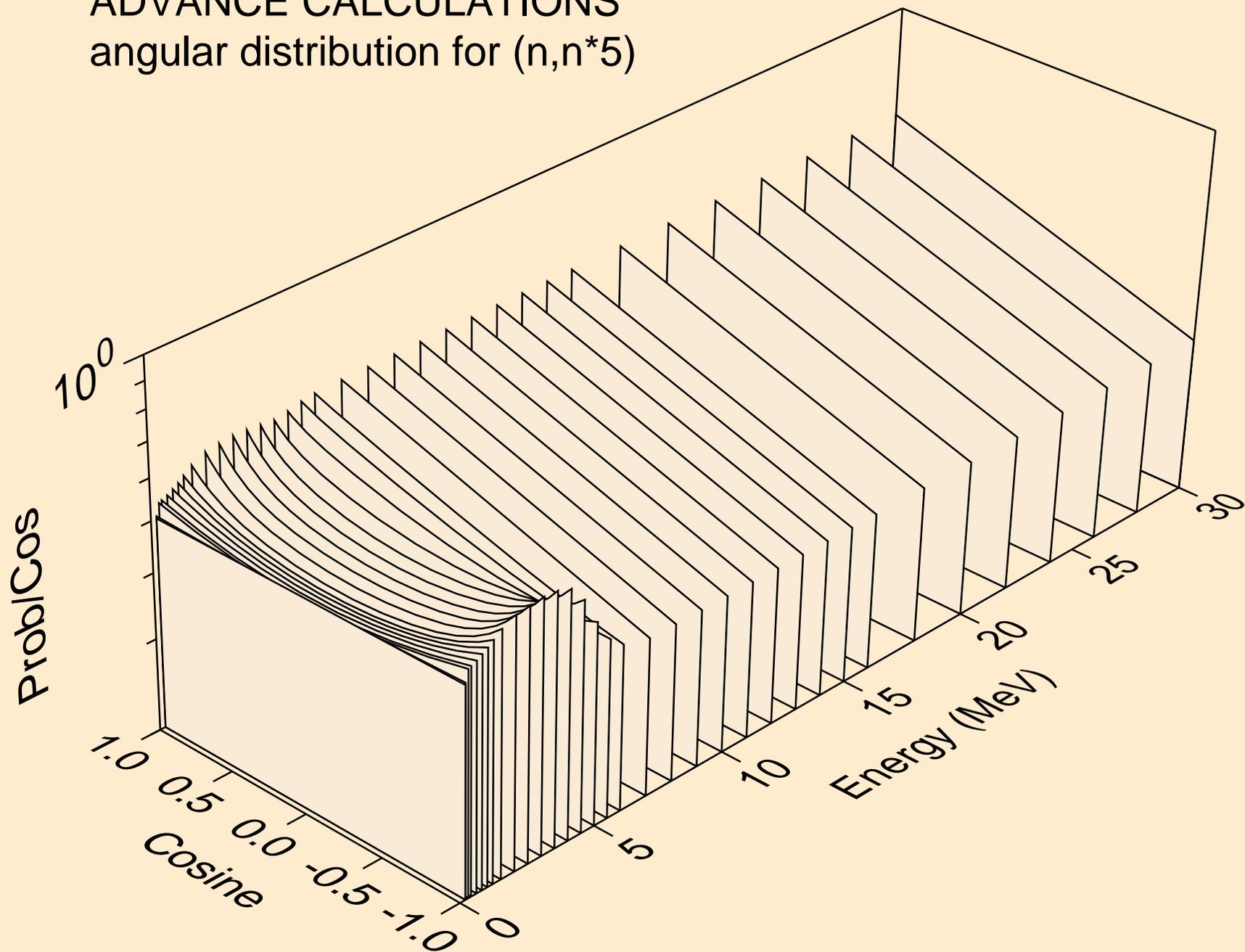
ADVANCE CALCULATIONS  
angular distribution for (n,n\*3)



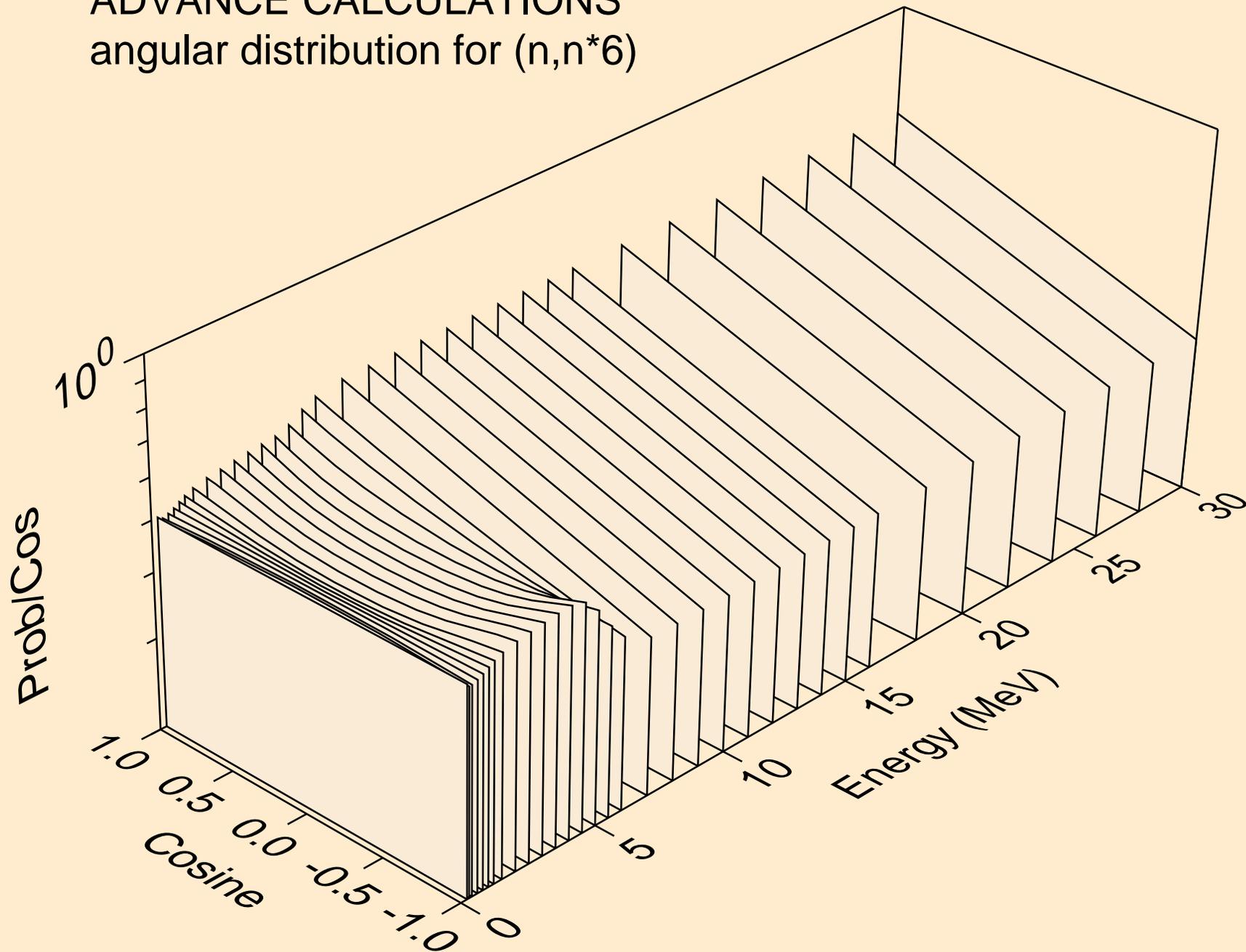
ADVANCE CALCULATIONS  
angular distribution for (n,n\*4)



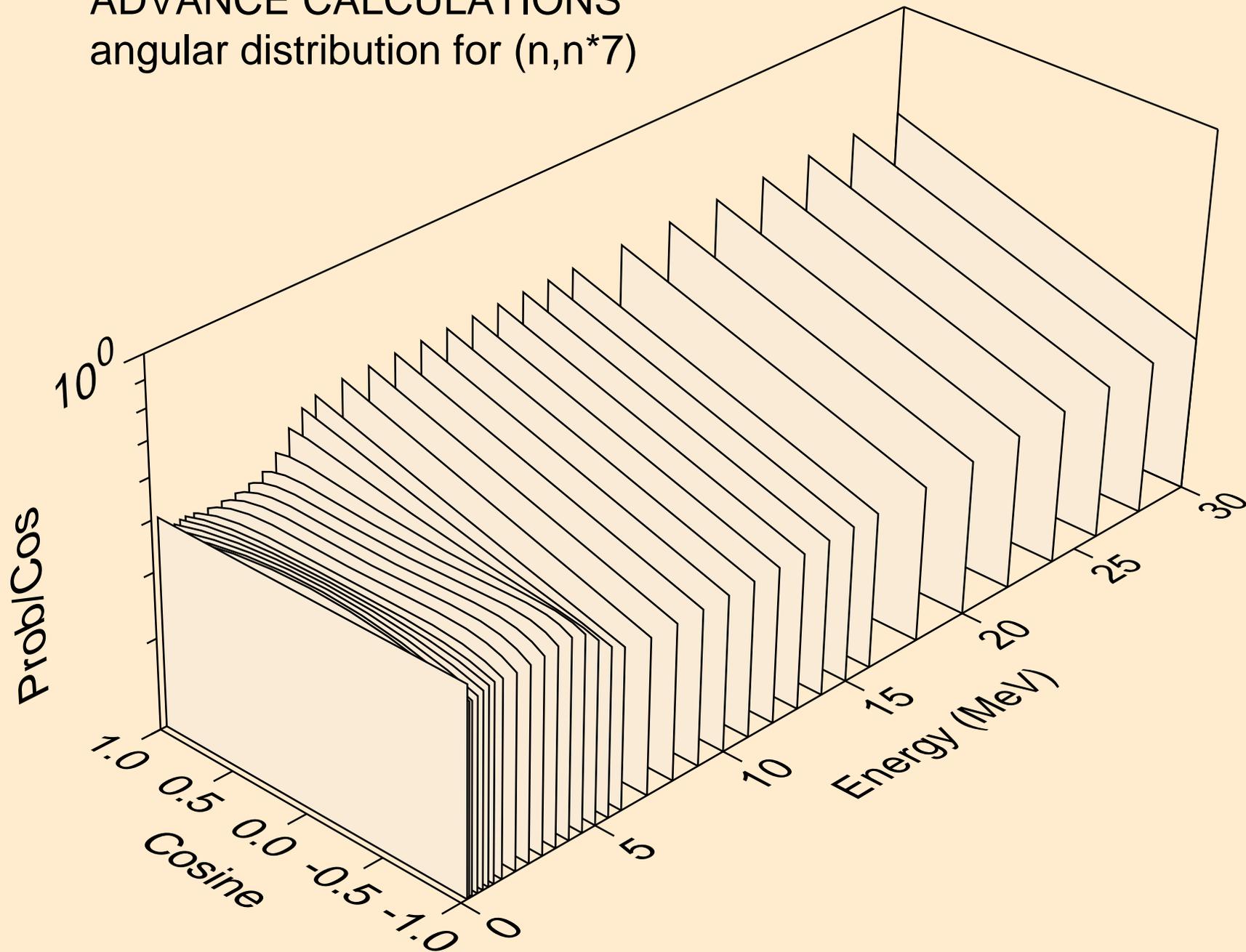
ADVANCE CALCULATIONS  
angular distribution for (n,n\*5)



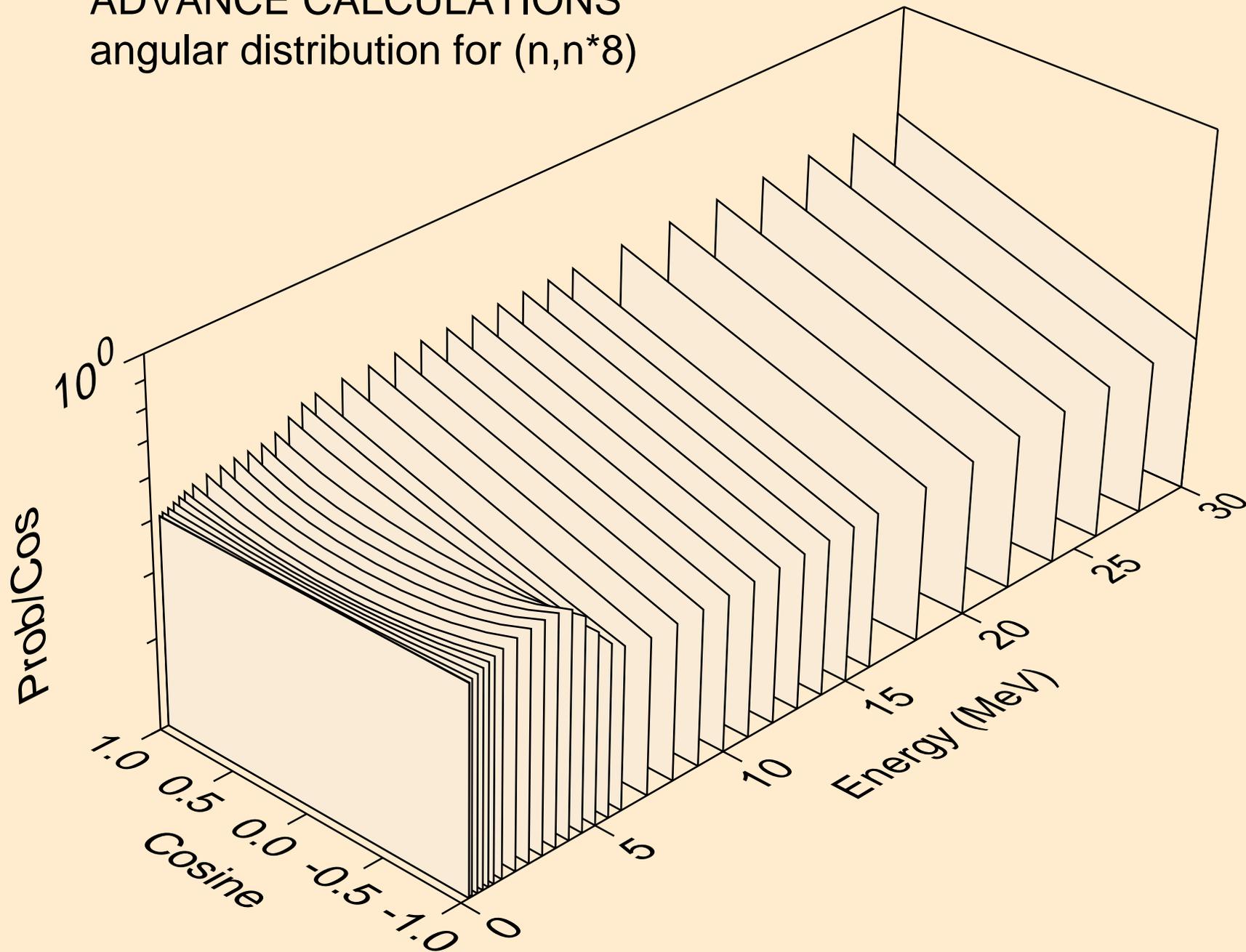
ADVANCE CALCULATIONS  
angular distribution for (n,n\*6)



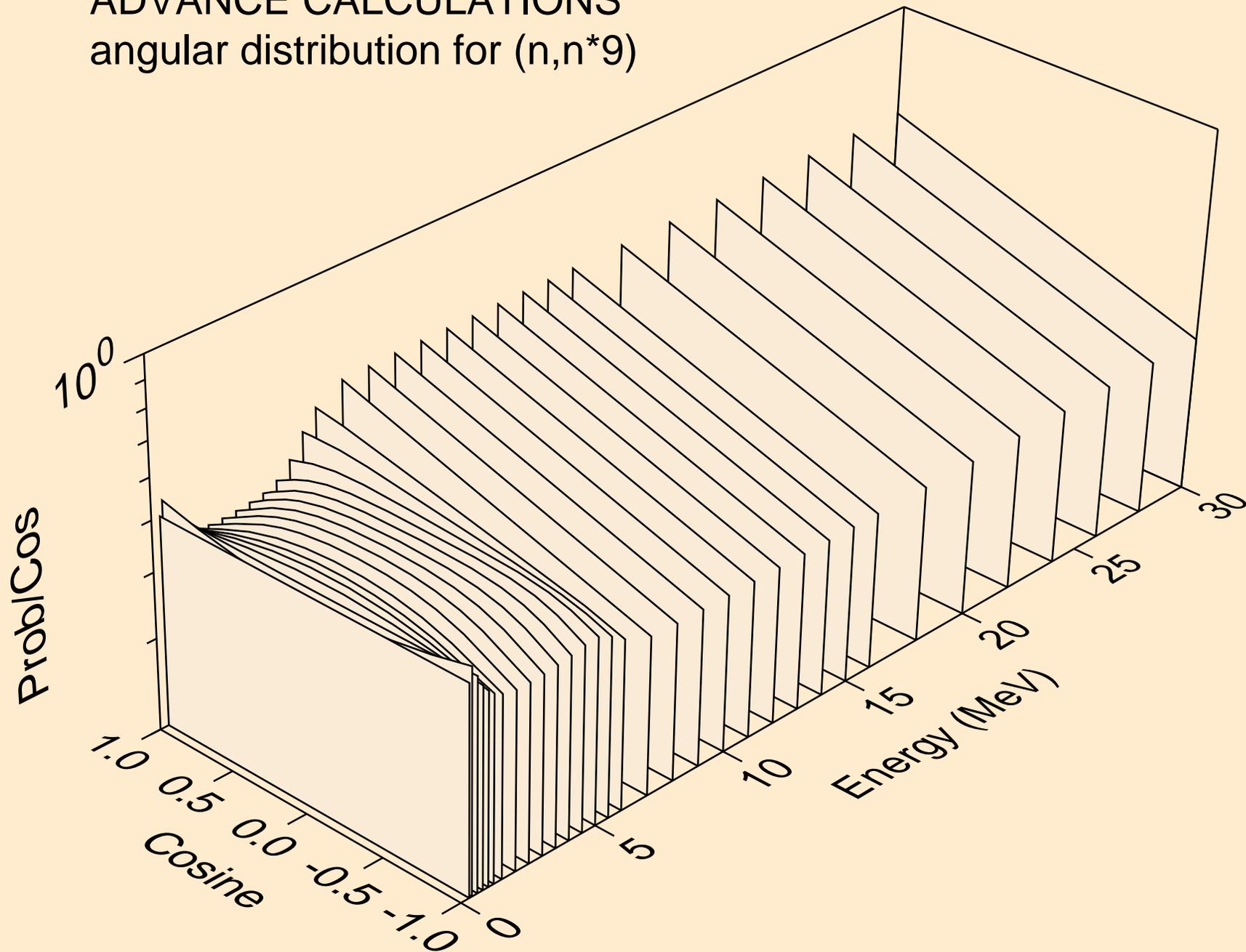
ADVANCE CALCULATIONS  
angular distribution for (n,n\*7)



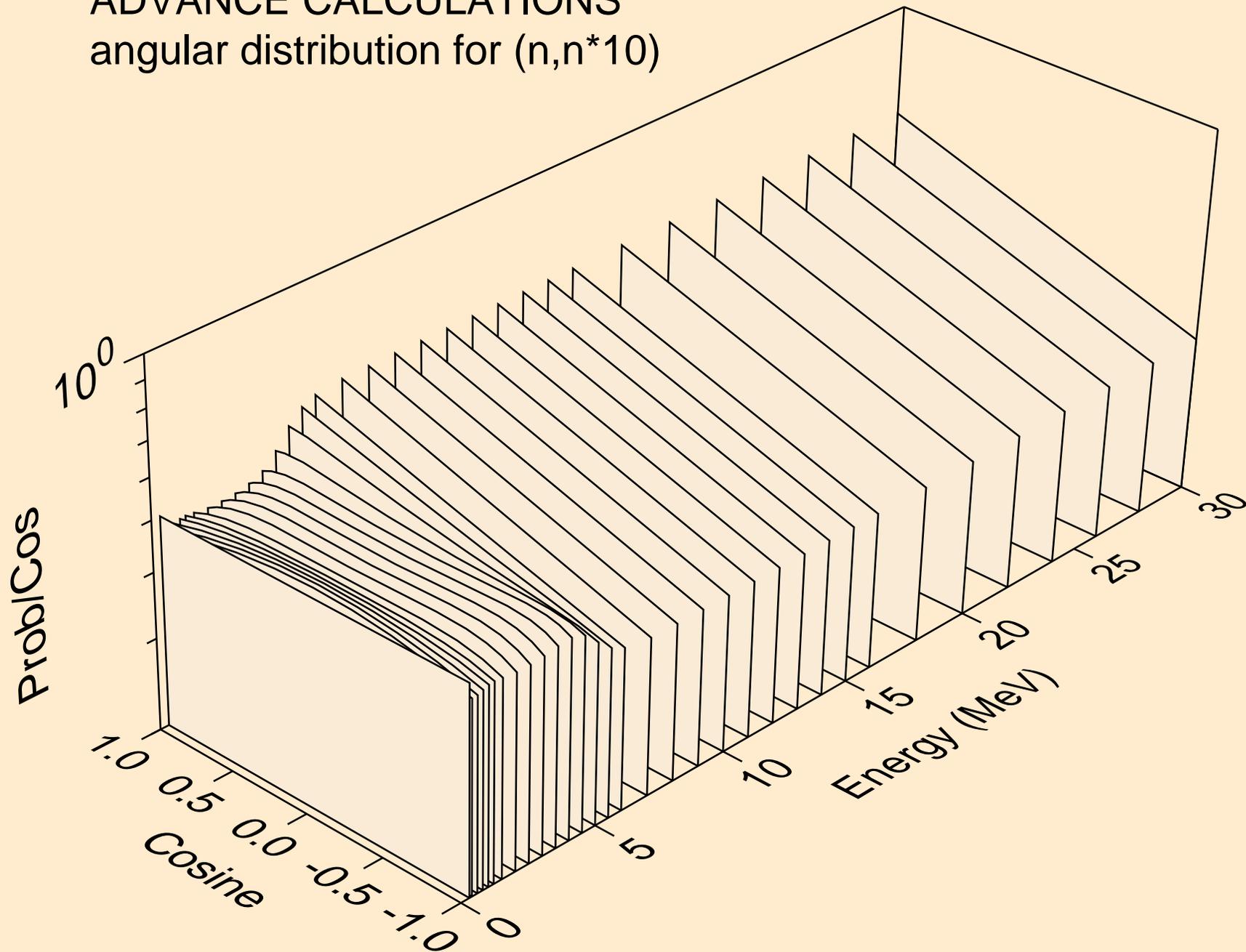
ADVANCE CALCULATIONS  
angular distribution for (n,n\*8)



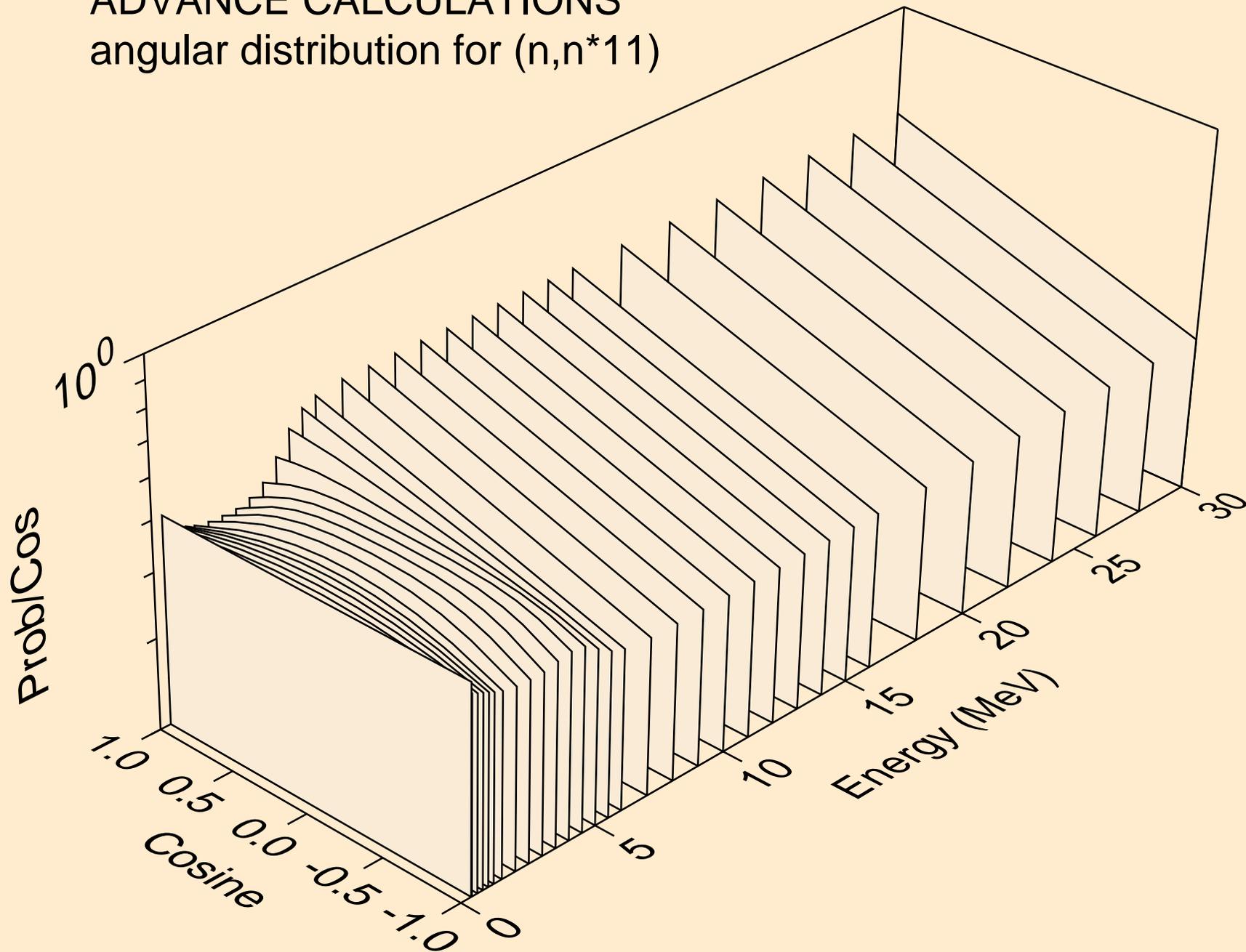
ADVANCE CALCULATIONS  
angular distribution for (n,n\*9)



ADVANCE CALCULATIONS  
angular distribution for (n,n\*10)

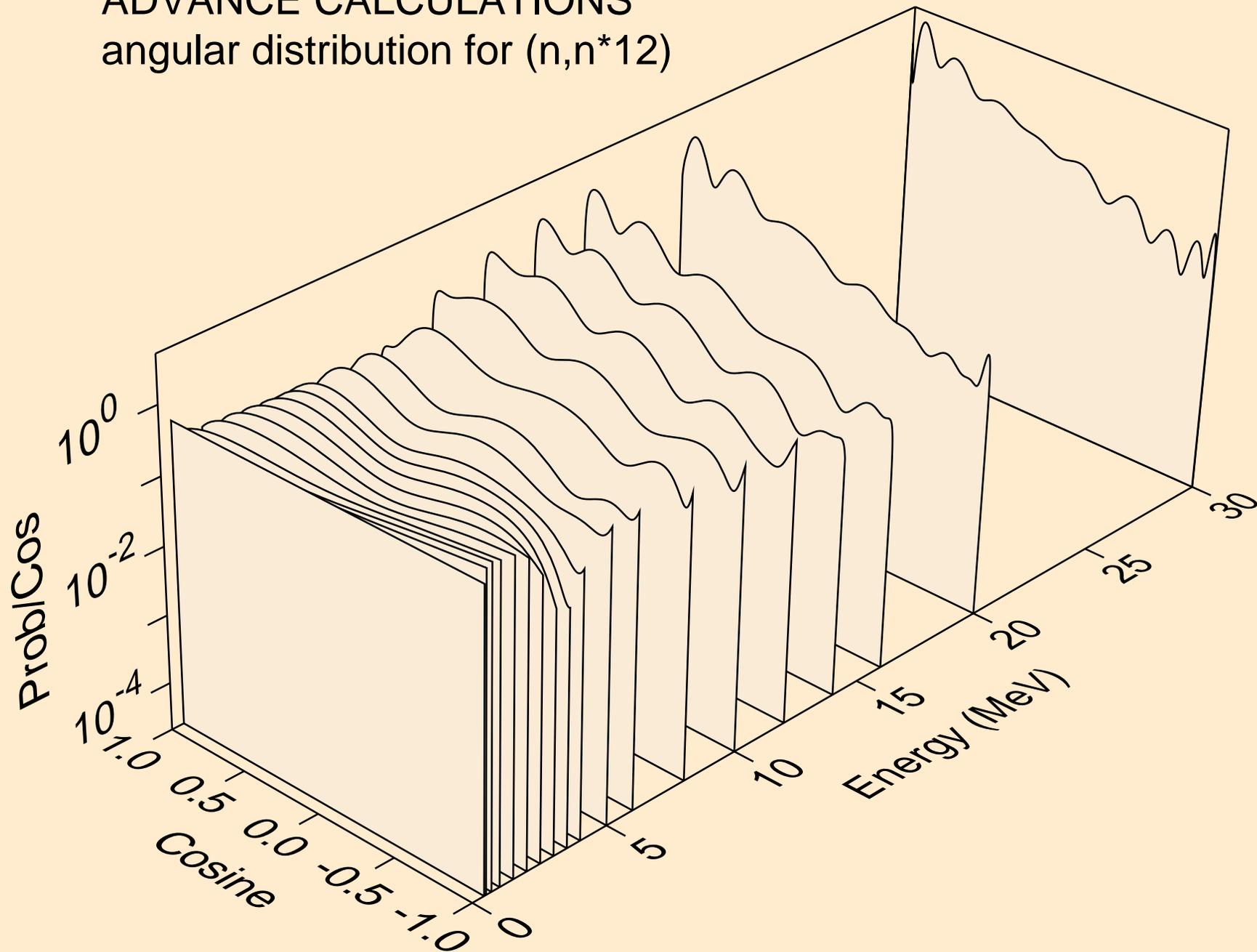


ADVANCE CALCULATIONS  
angular distribution for (n,n\*11)

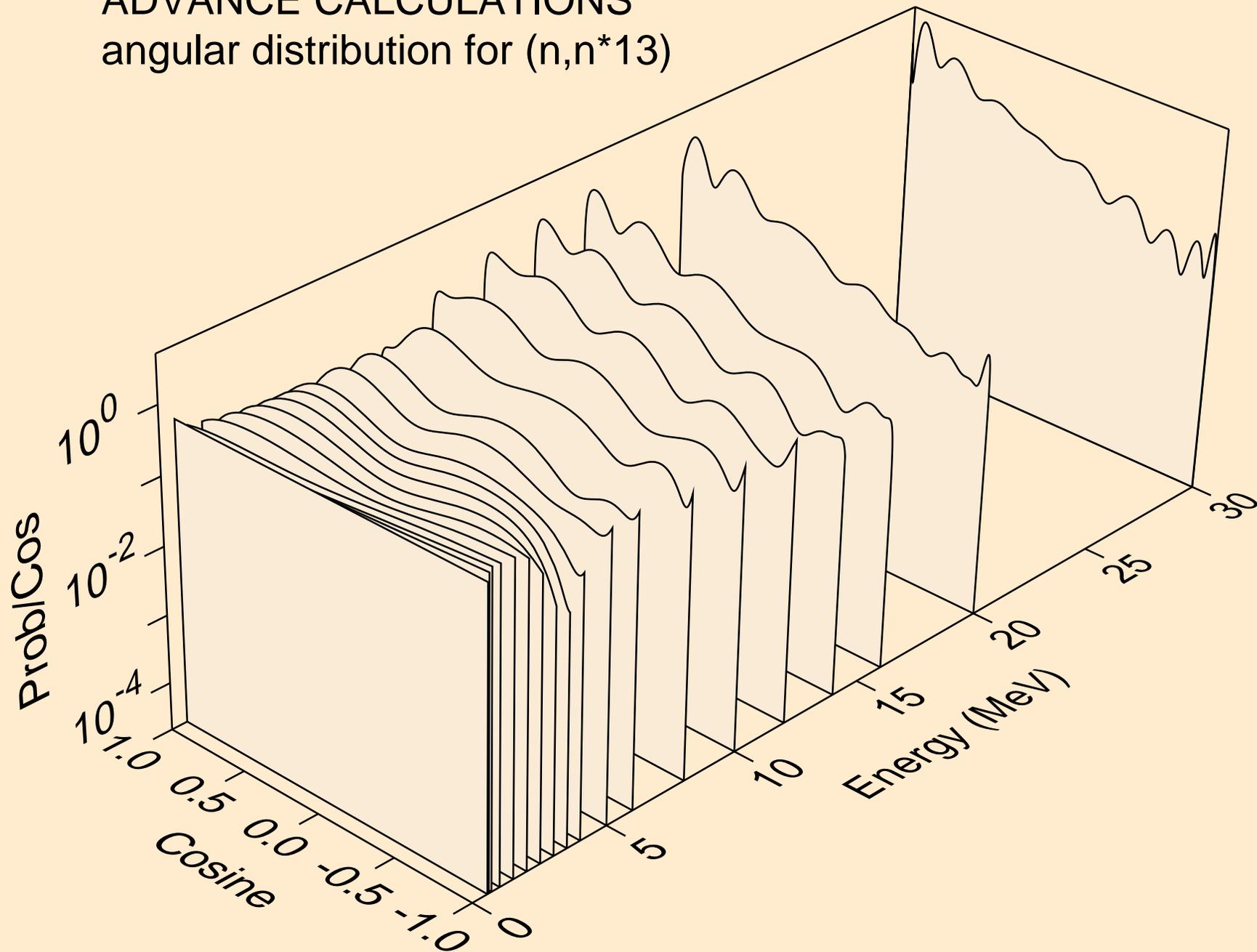


# ADVANCE CALCULATIONS

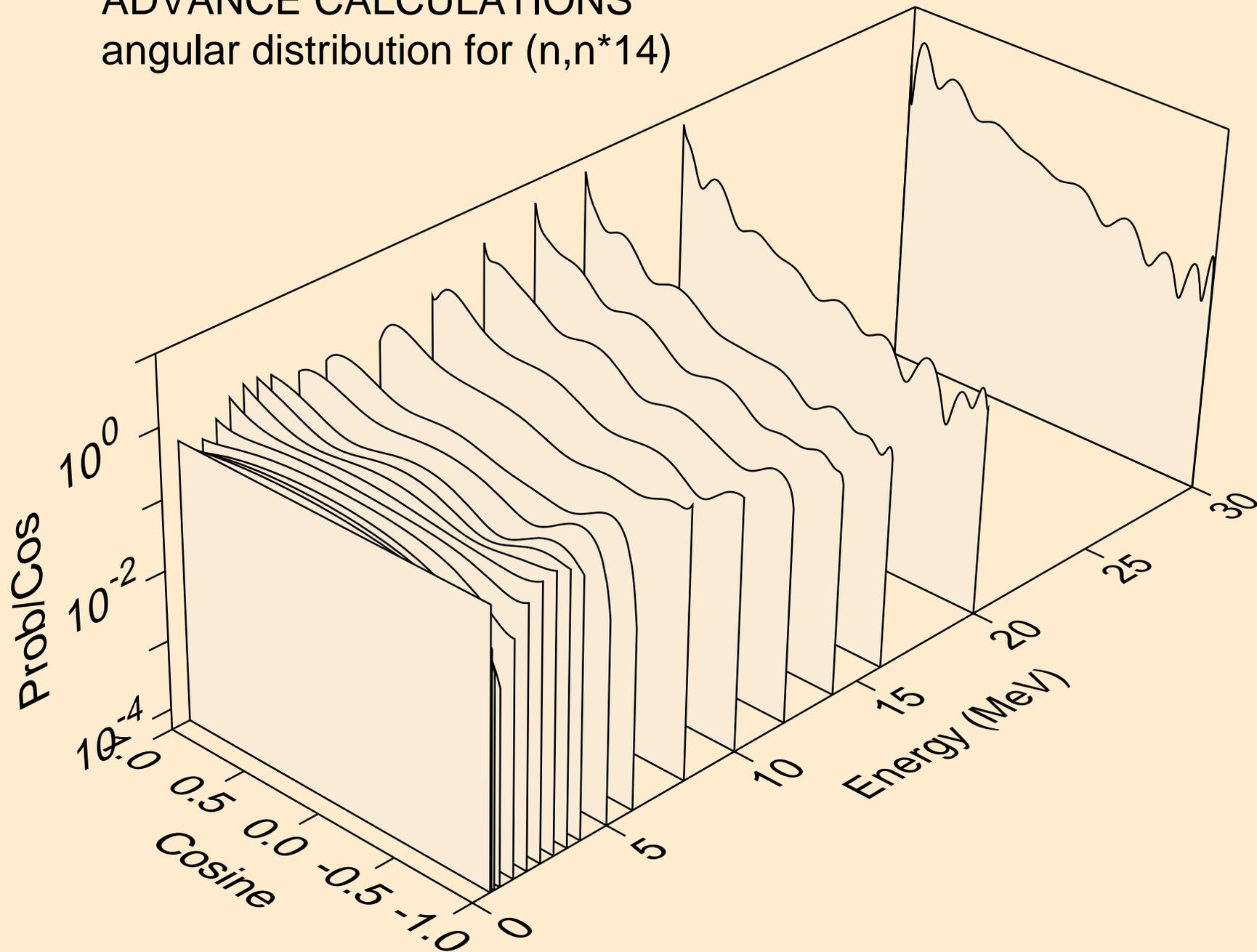
angular distribution for (n,n\*12)



ADVANCE CALCULATIONS  
angular distribution for (n,n\*13)

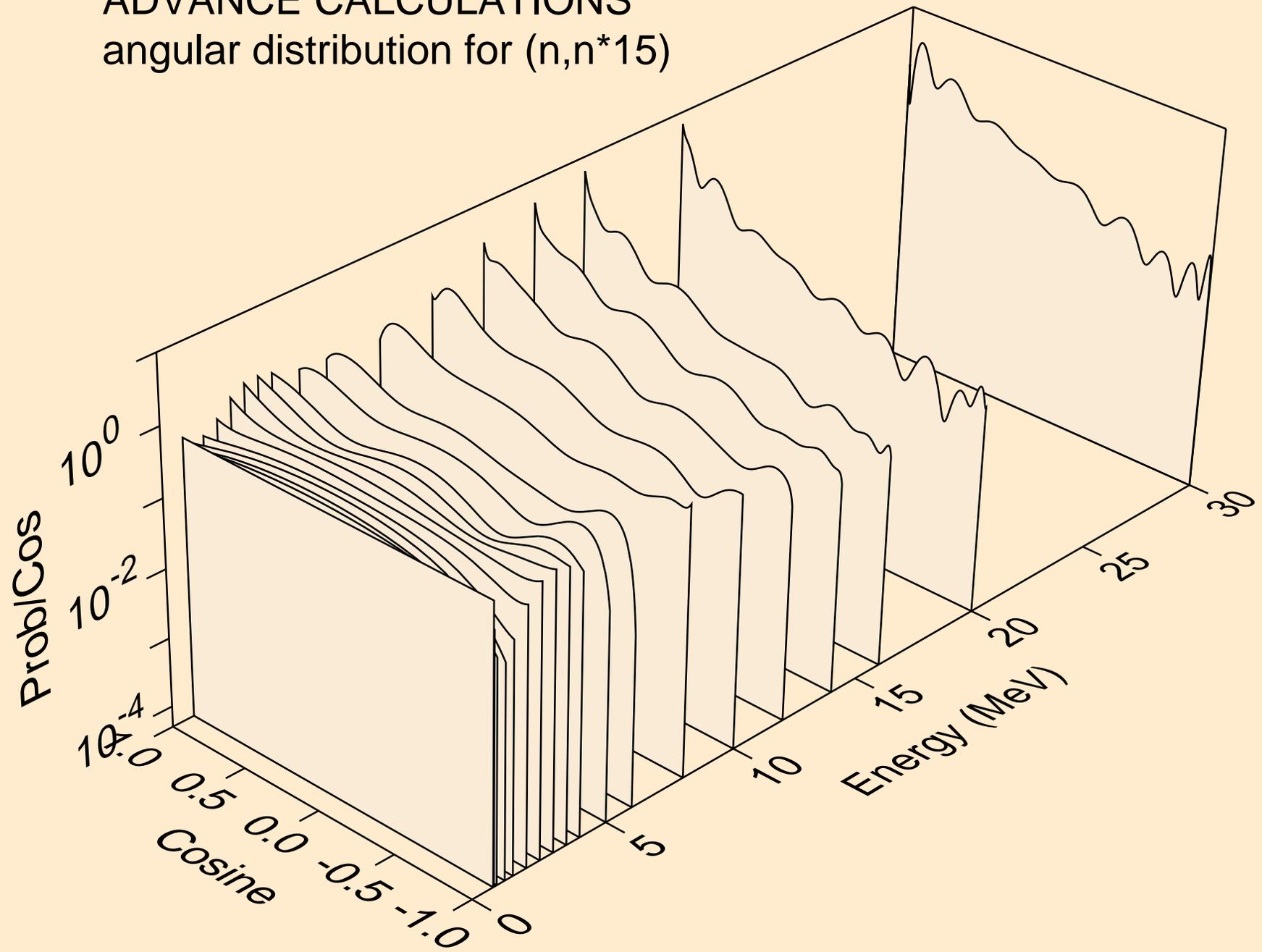


ADVANCE CALCULATIONS  
angular distribution for (n,n\*14)

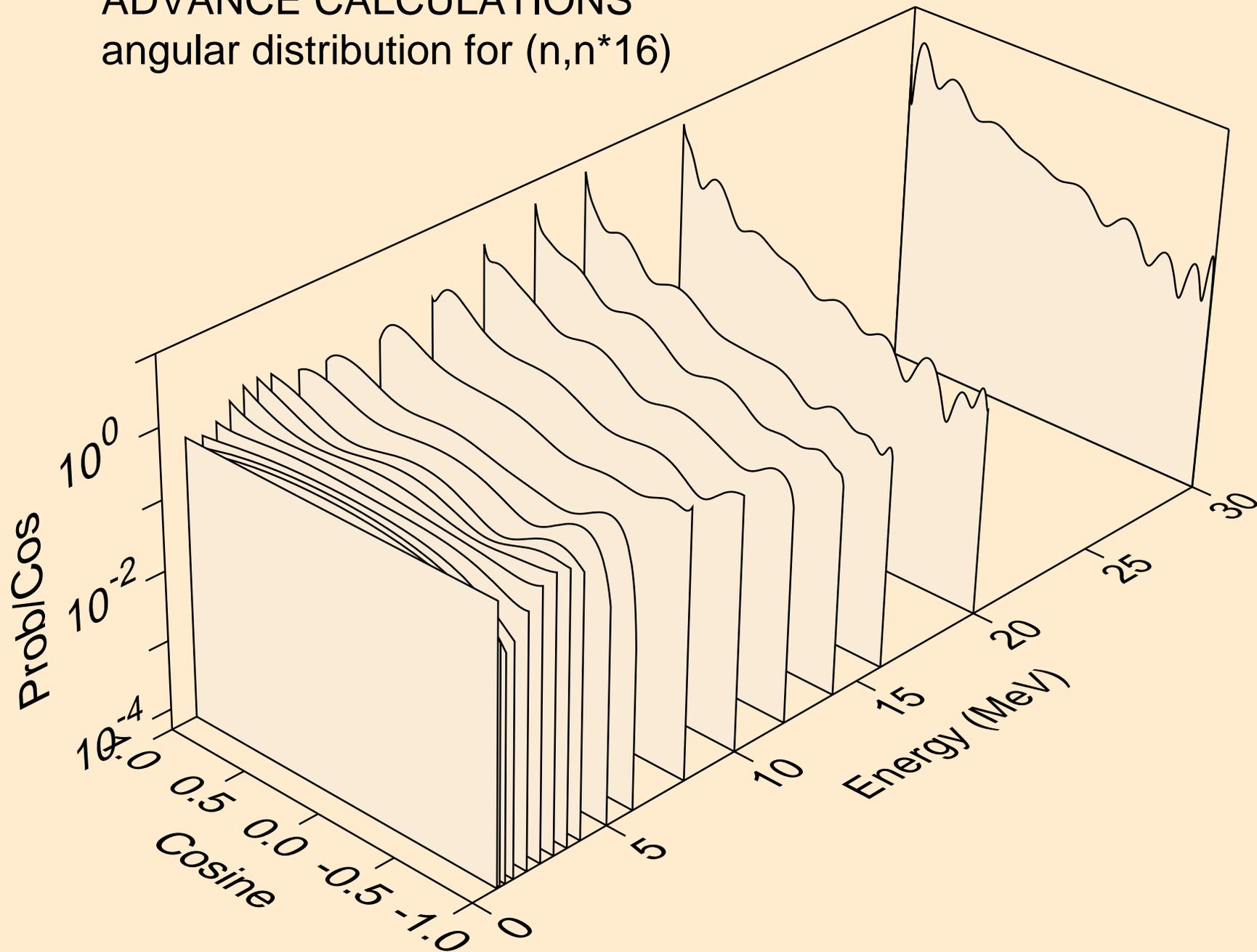


# ADVANCE CALCULATIONS

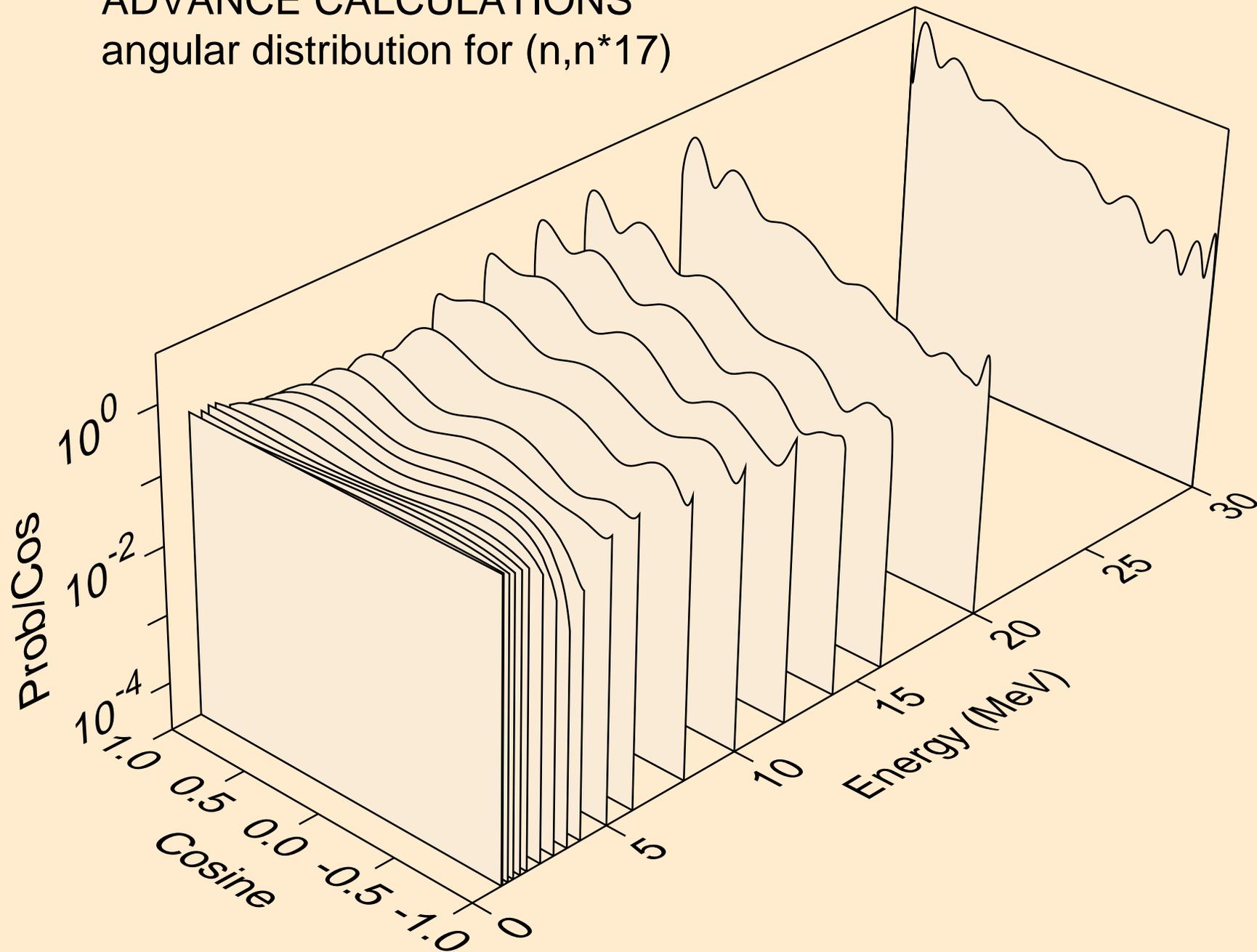
angular distribution for (n,n\*15)



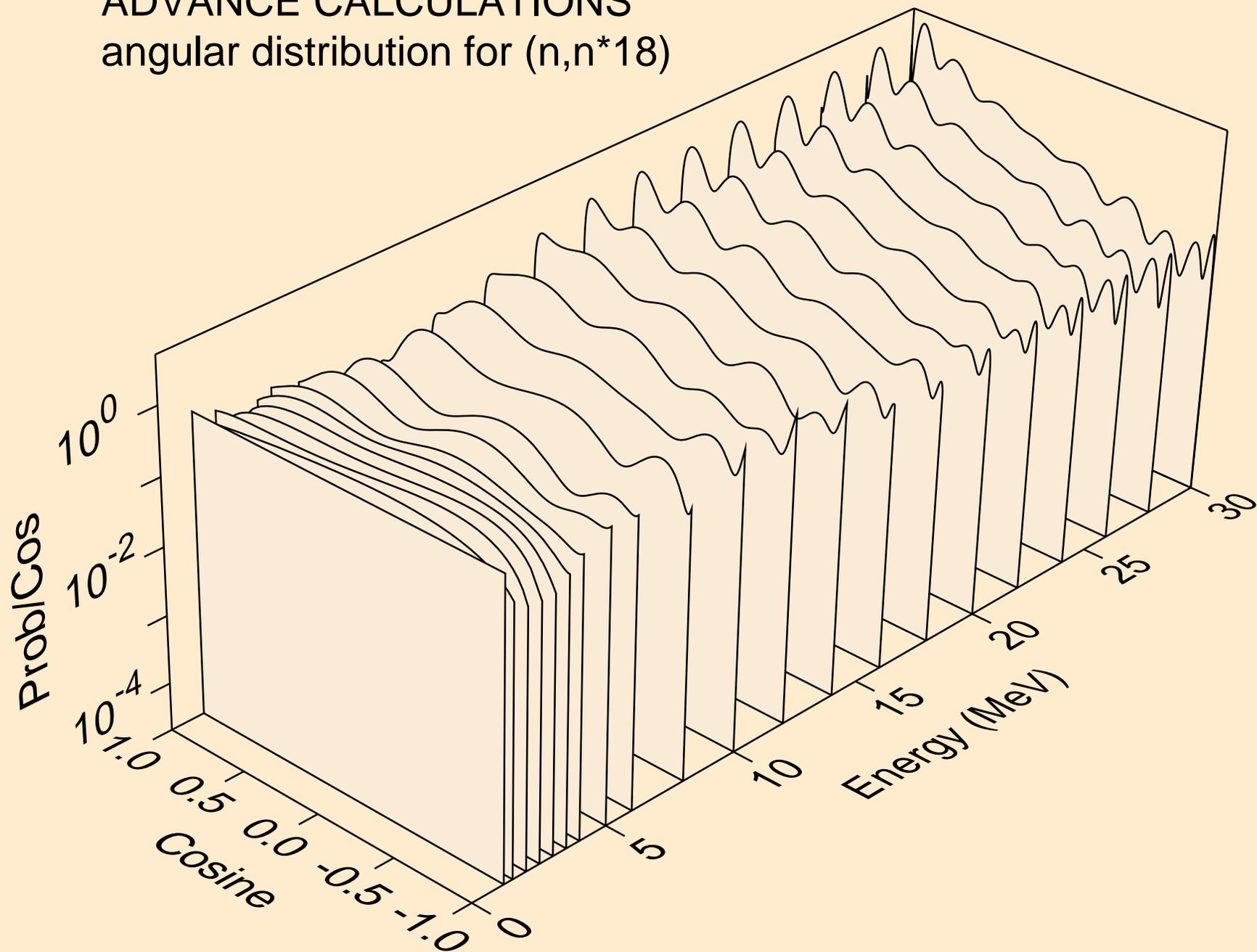
ADVANCE CALCULATIONS  
angular distribution for (n,n\*16)



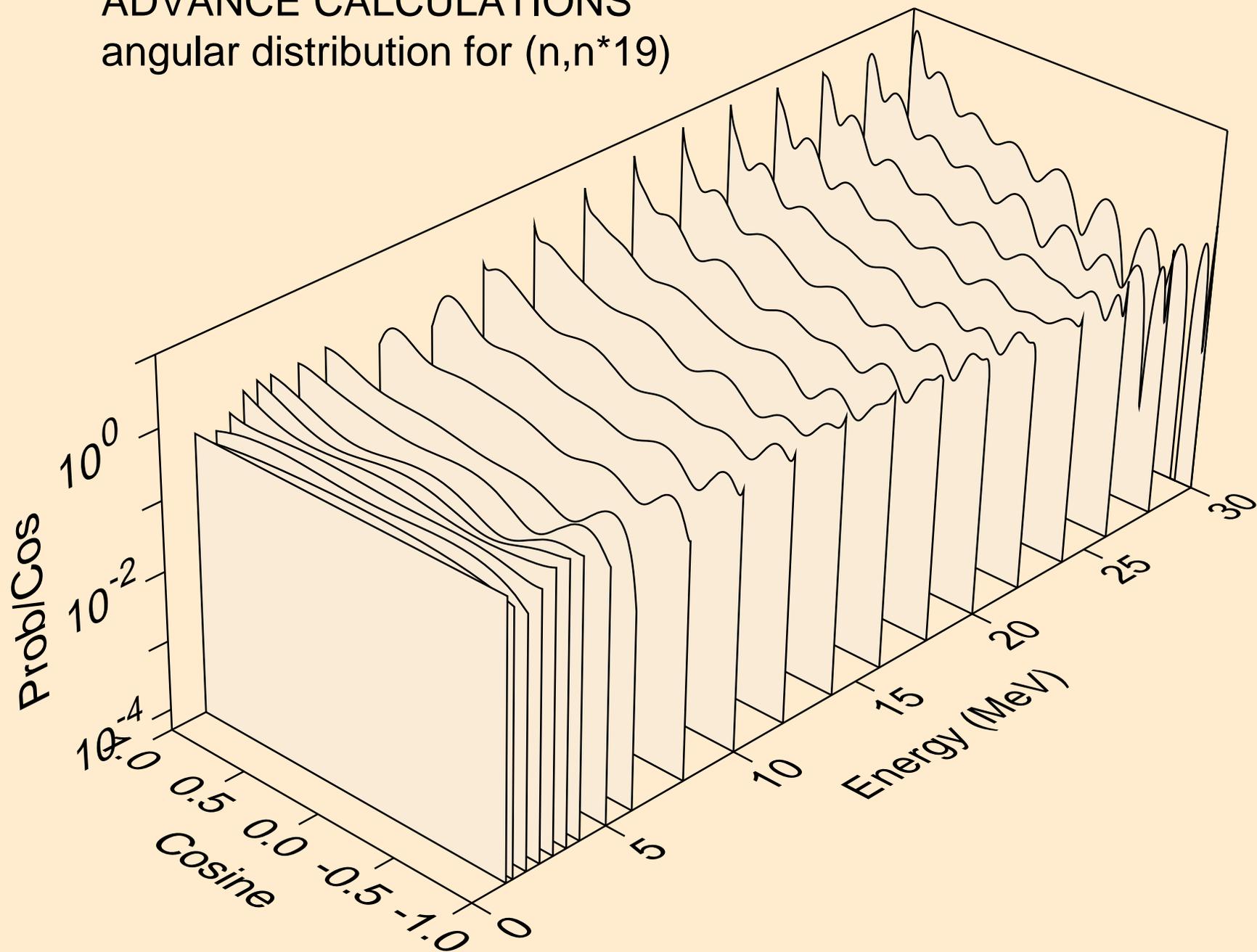
ADVANCE CALCULATIONS  
angular distribution for (n,n\*17)



ADVANCE CALCULATIONS  
angular distribution for (n,n\*18)

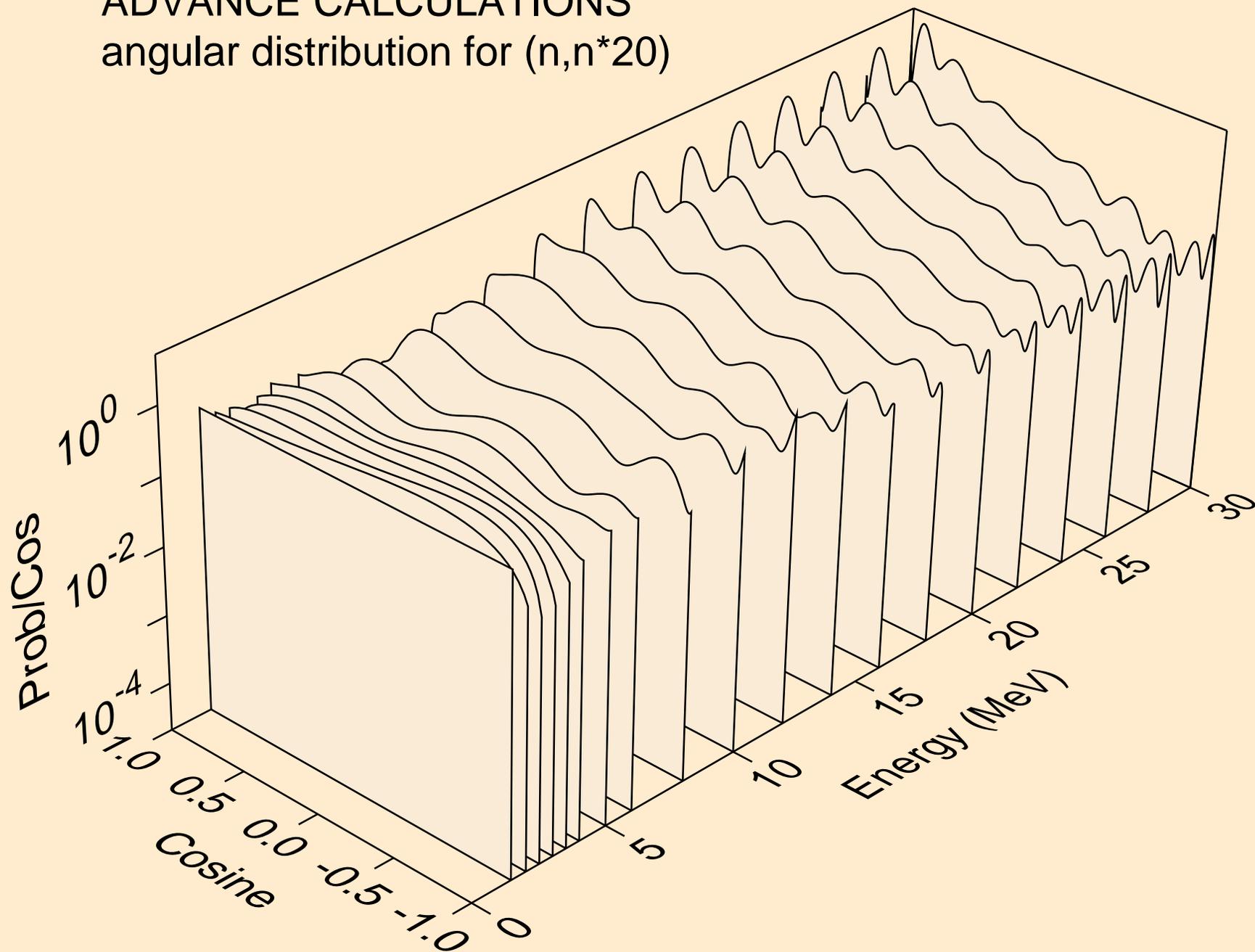


ADVANCE CALCULATIONS  
angular distribution for (n,n\*19)

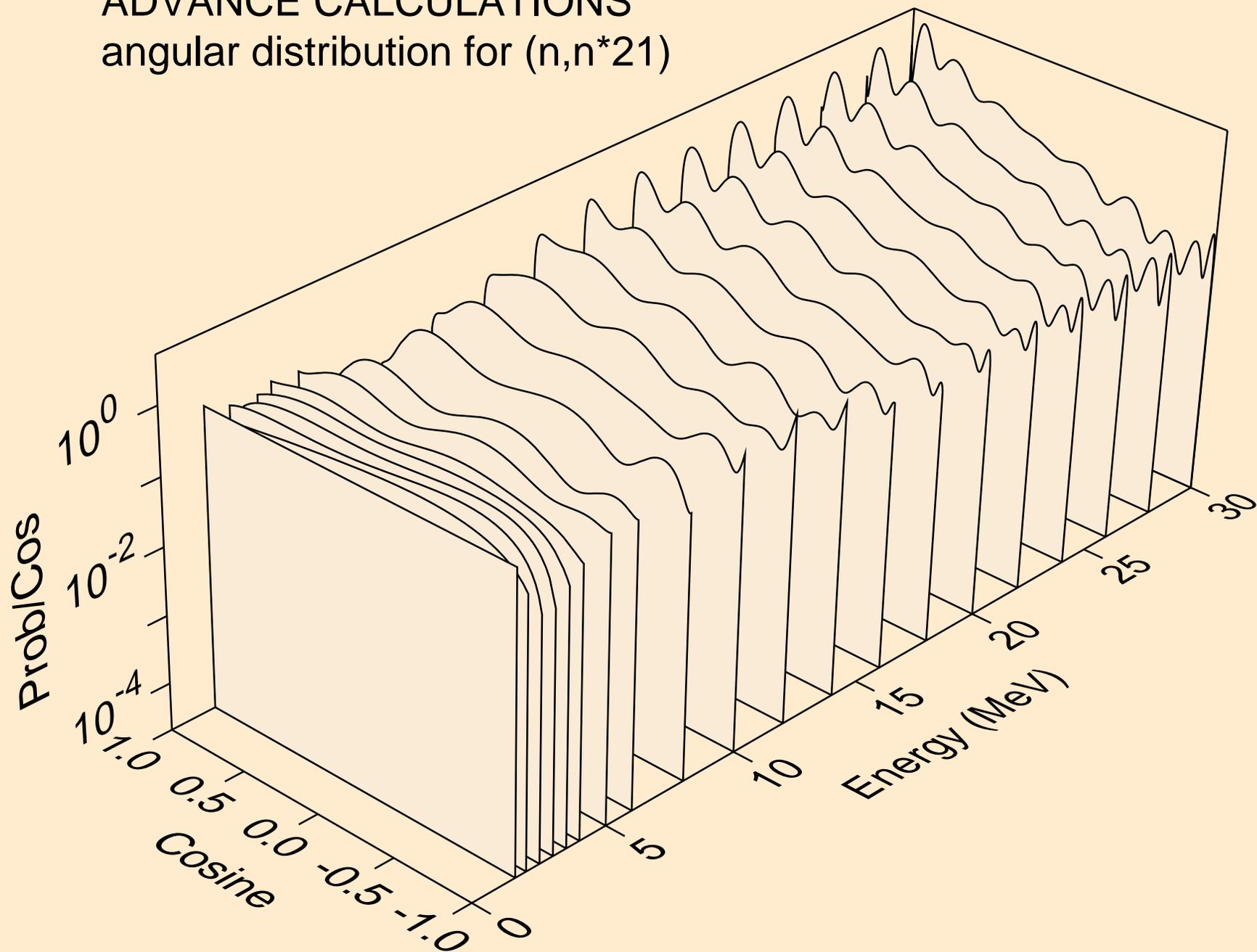


# ADVANCE CALCULATIONS

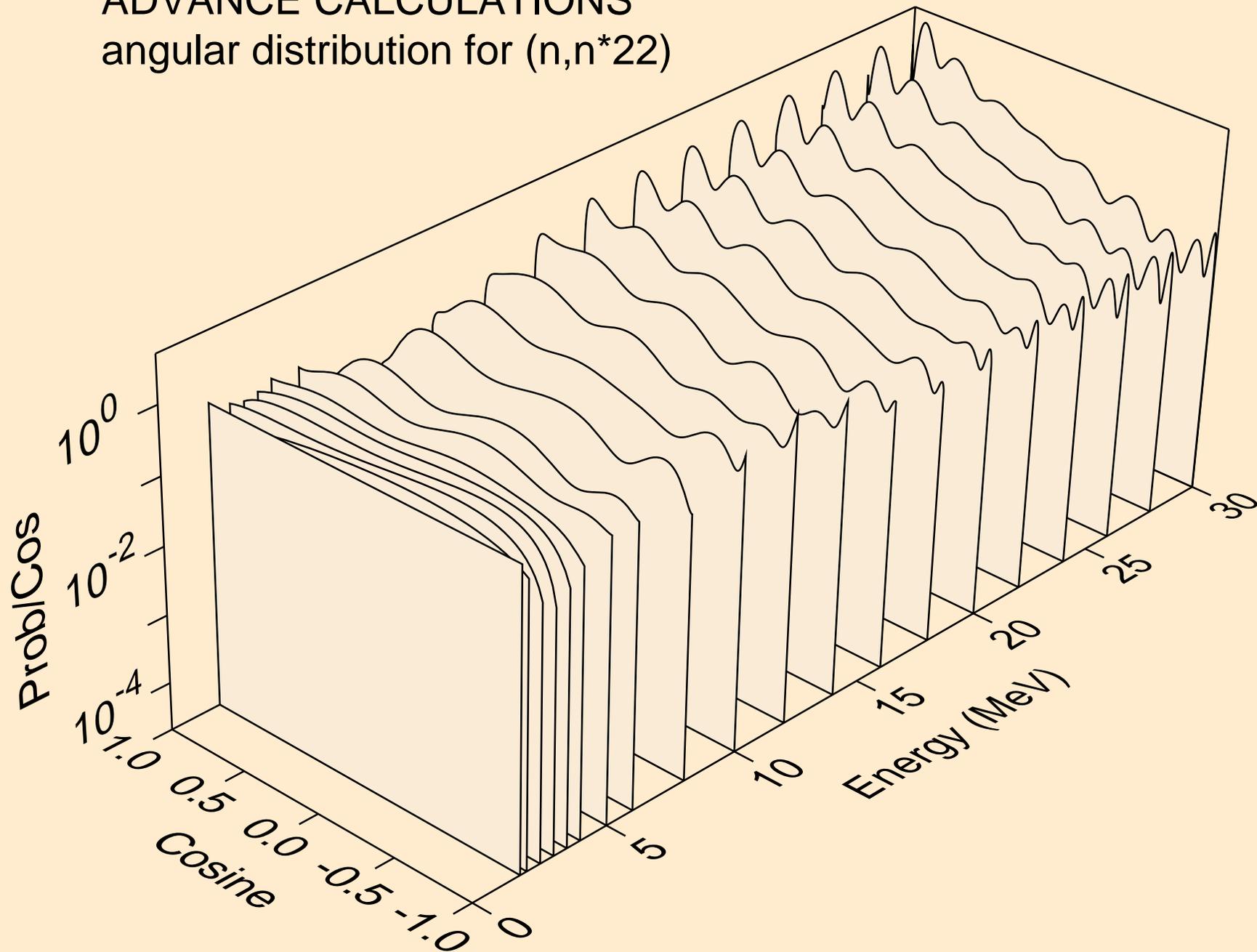
angular distribution for (n,n\*20)



ADVANCE CALCULATIONS  
angular distribution for (n,n\*21)

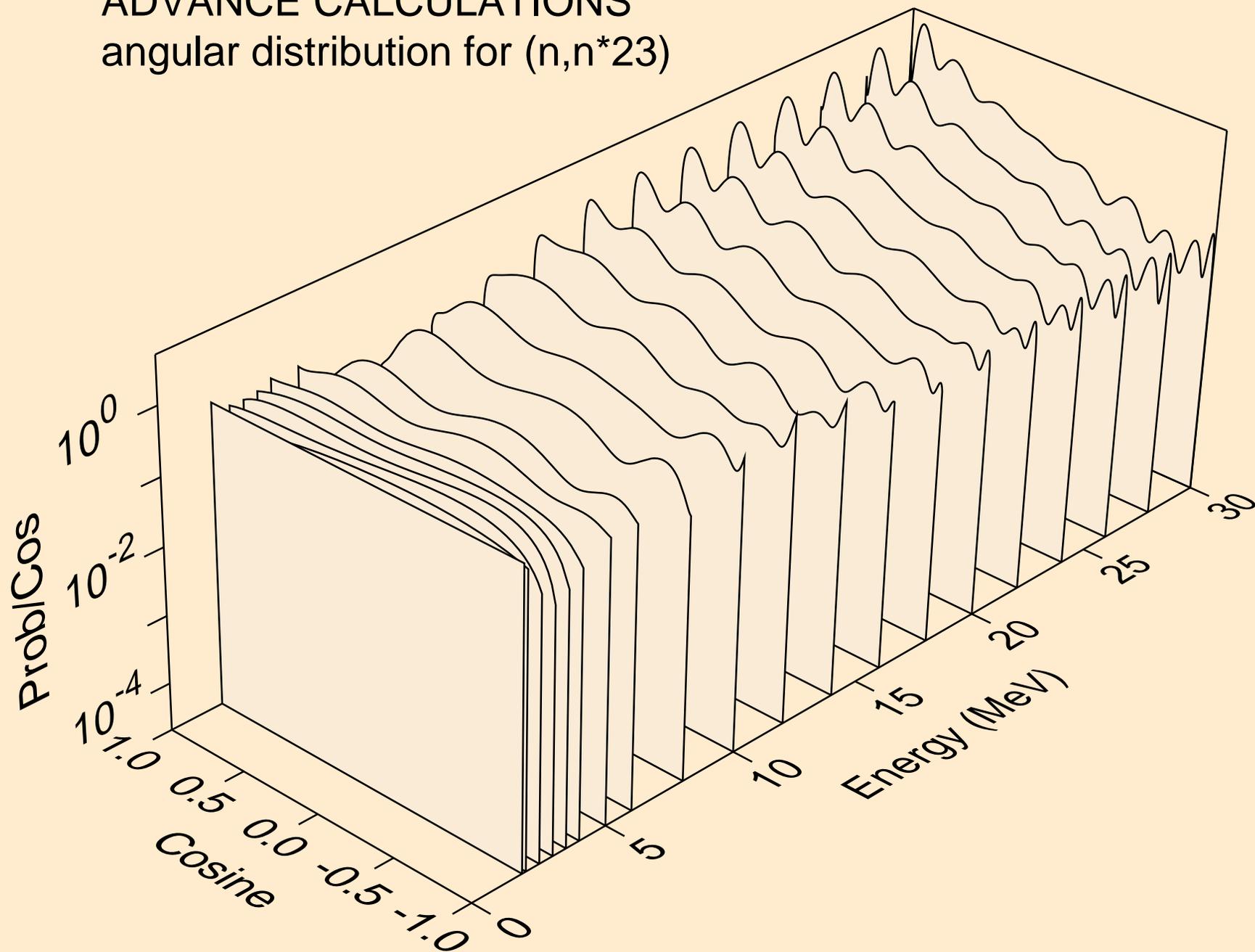


ADVANCE CALCULATIONS  
angular distribution for (n,n\*22)

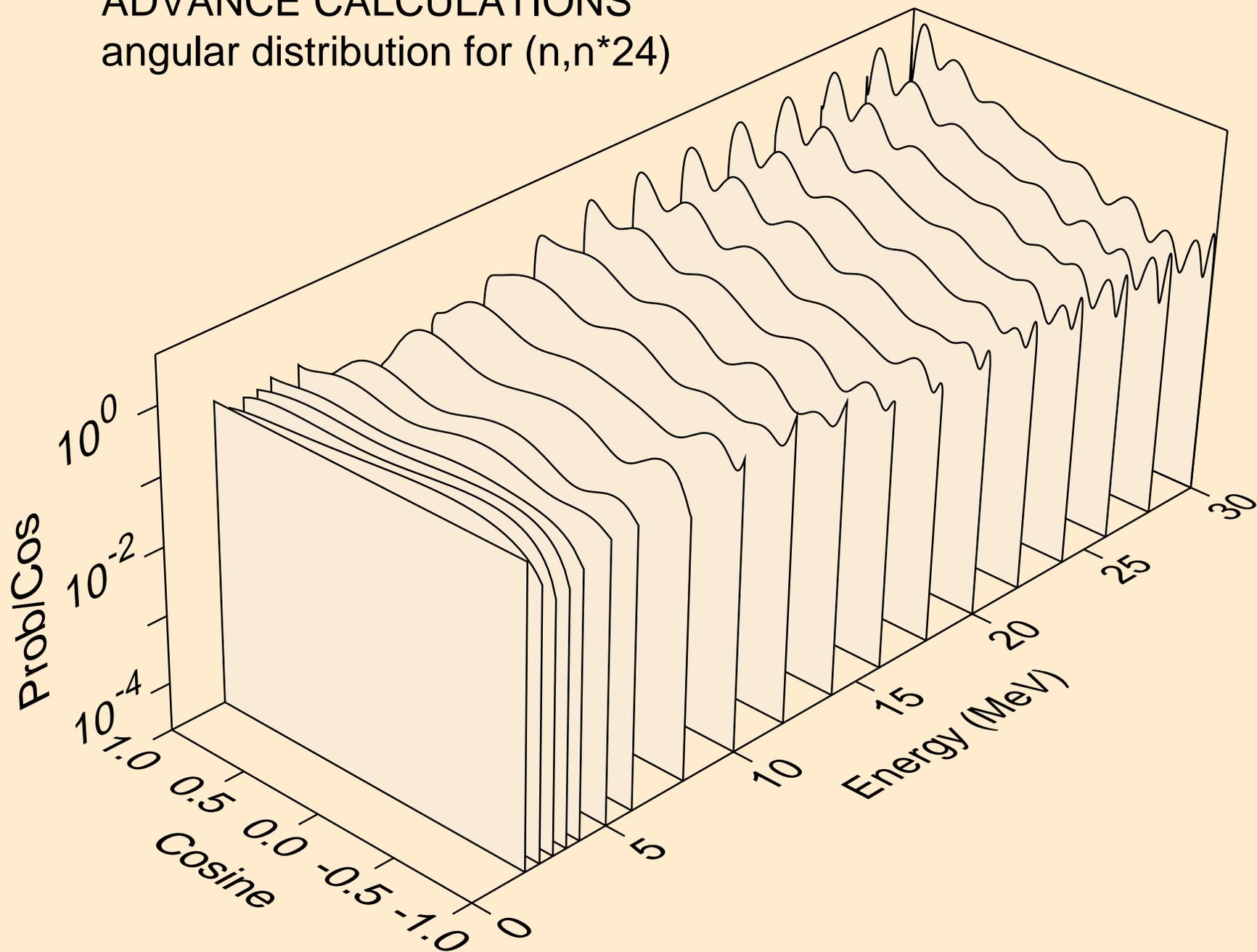


# ADVANCE CALCULATIONS

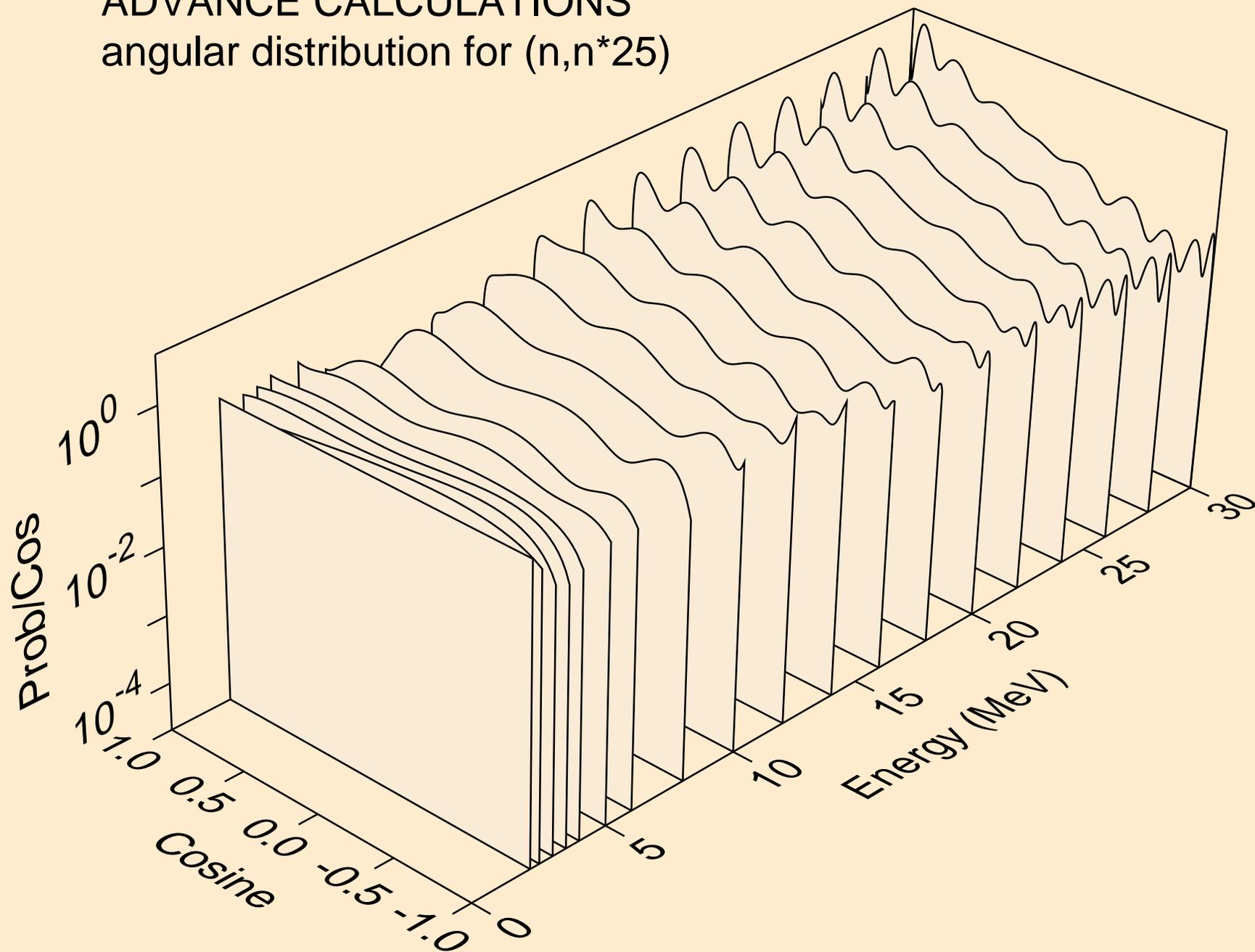
angular distribution for (n,n\*23)



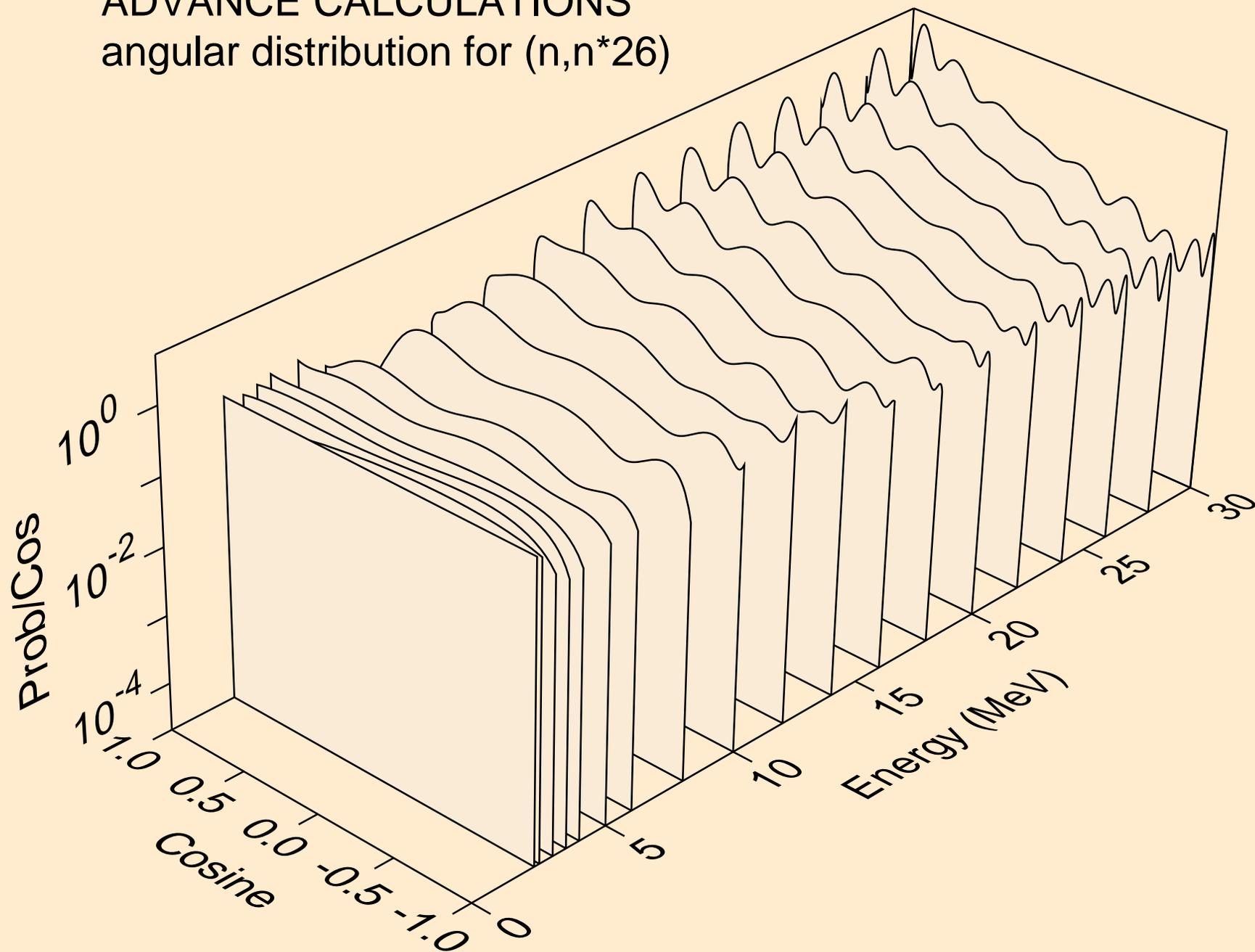
ADVANCE CALCULATIONS  
angular distribution for (n,n\*24)



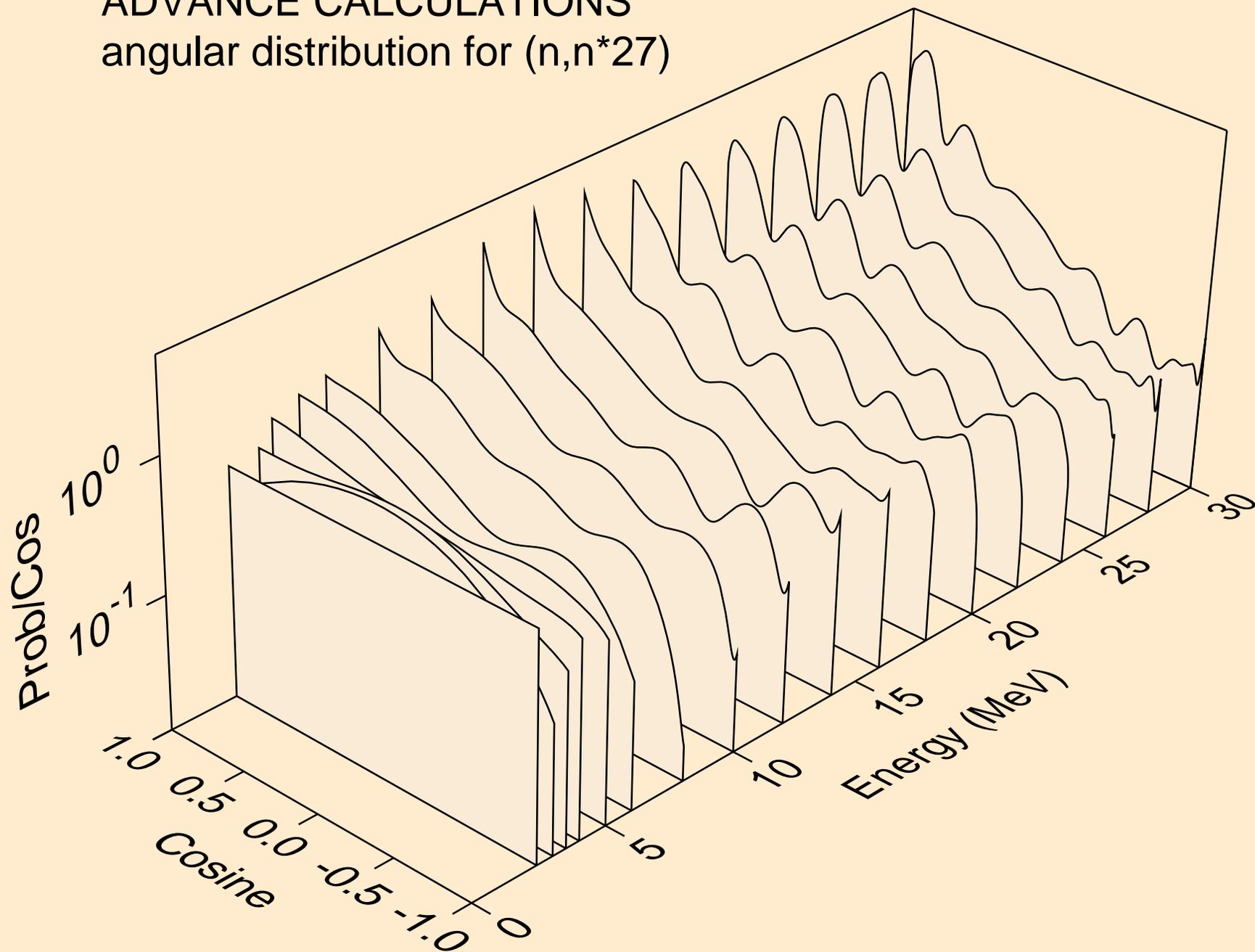
ADVANCE CALCULATIONS  
angular distribution for (n,n\*25)



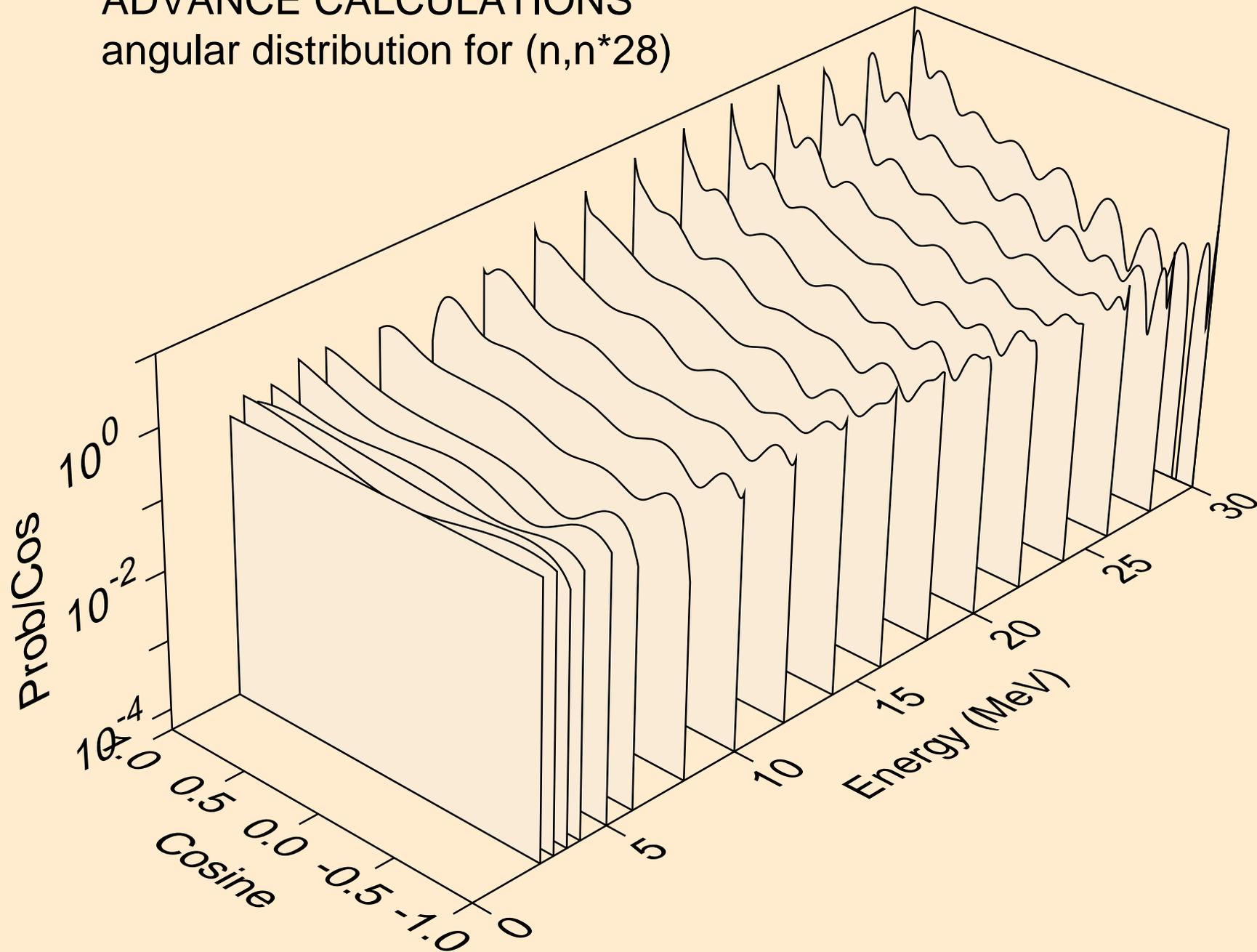
ADVANCE CALCULATIONS  
angular distribution for (n,n\*26)



ADVANCE CALCULATIONS  
angular distribution for (n,n\*27)

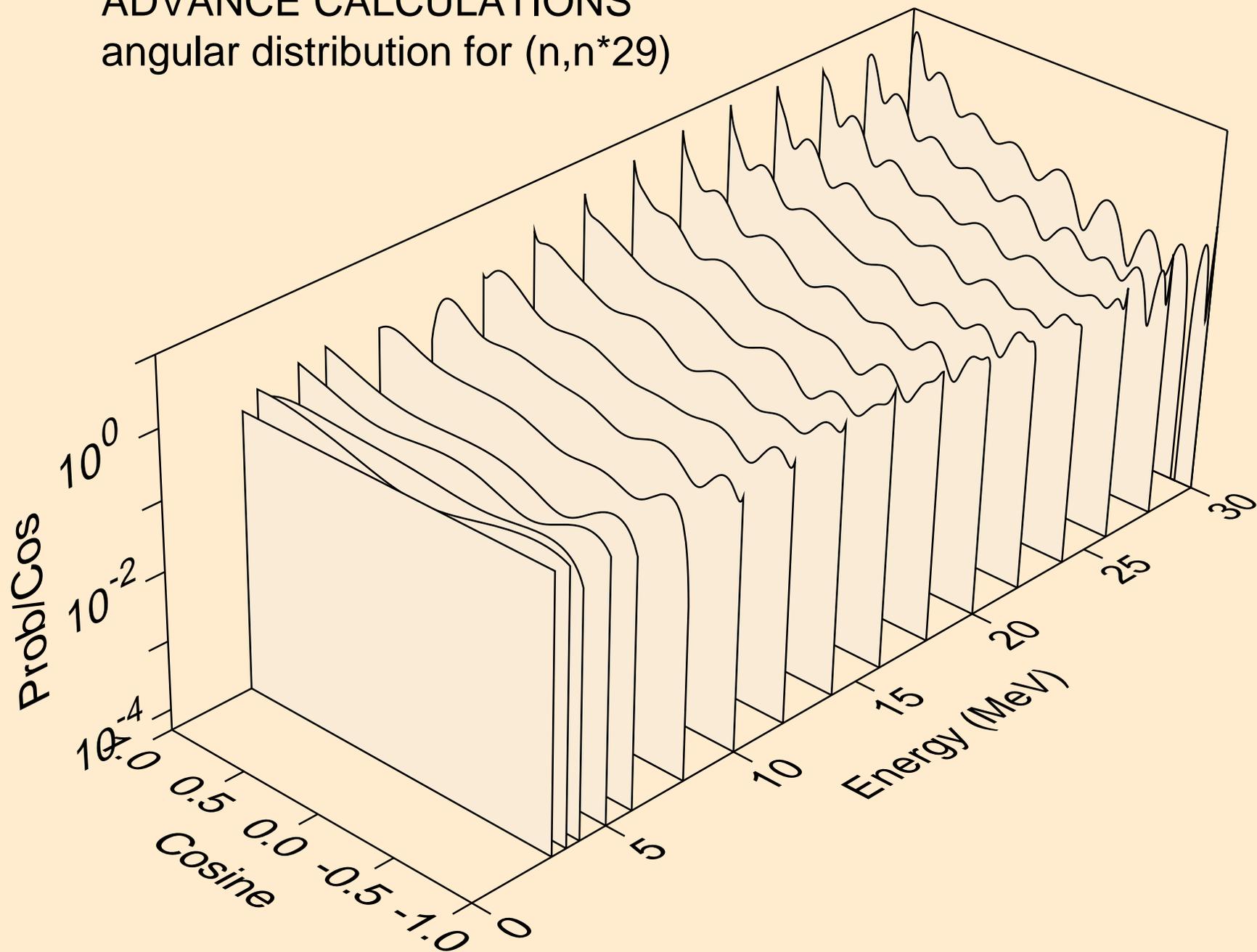


ADVANCE CALCULATIONS  
angular distribution for (n,n\*28)

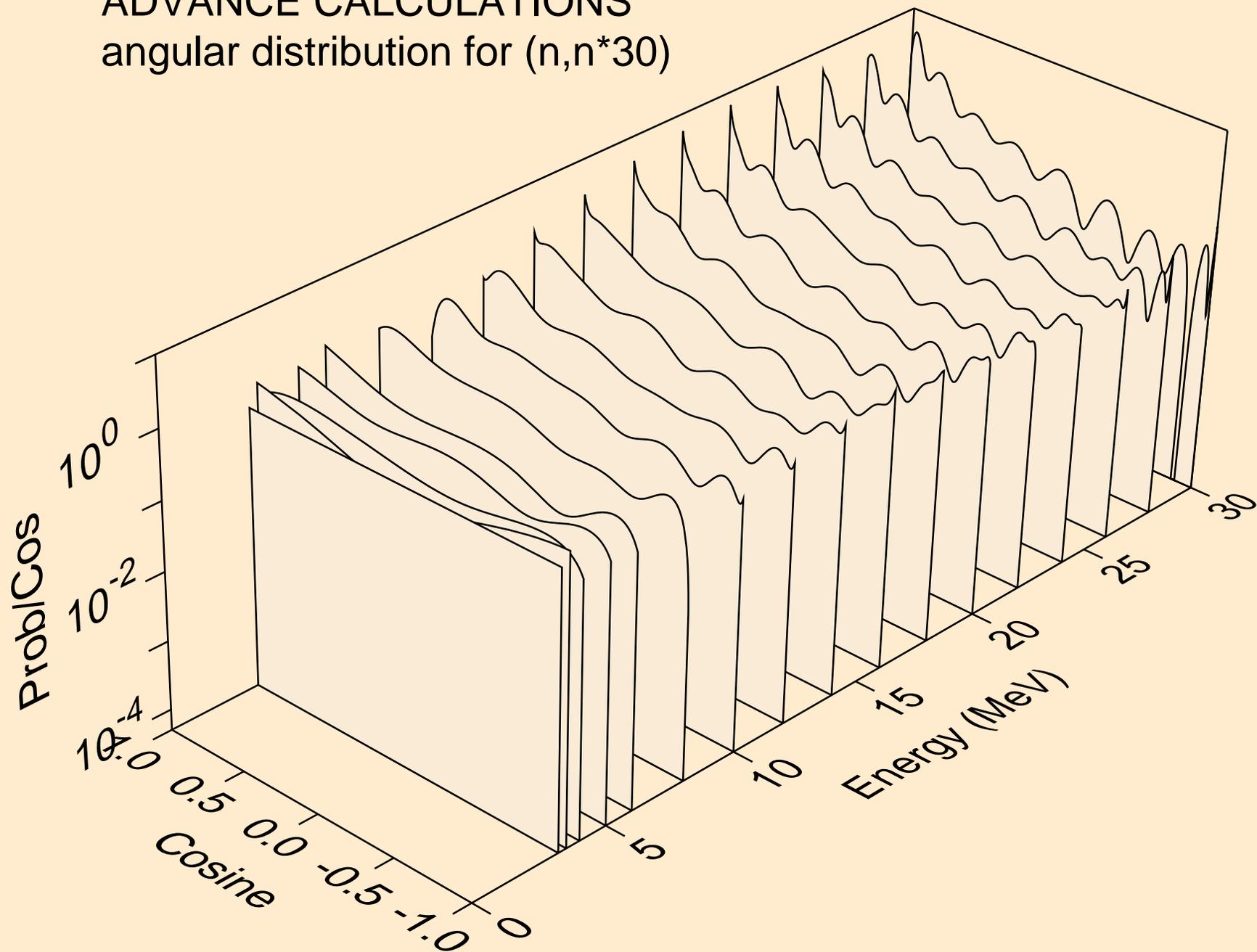


# ADVANCE CALCULATIONS

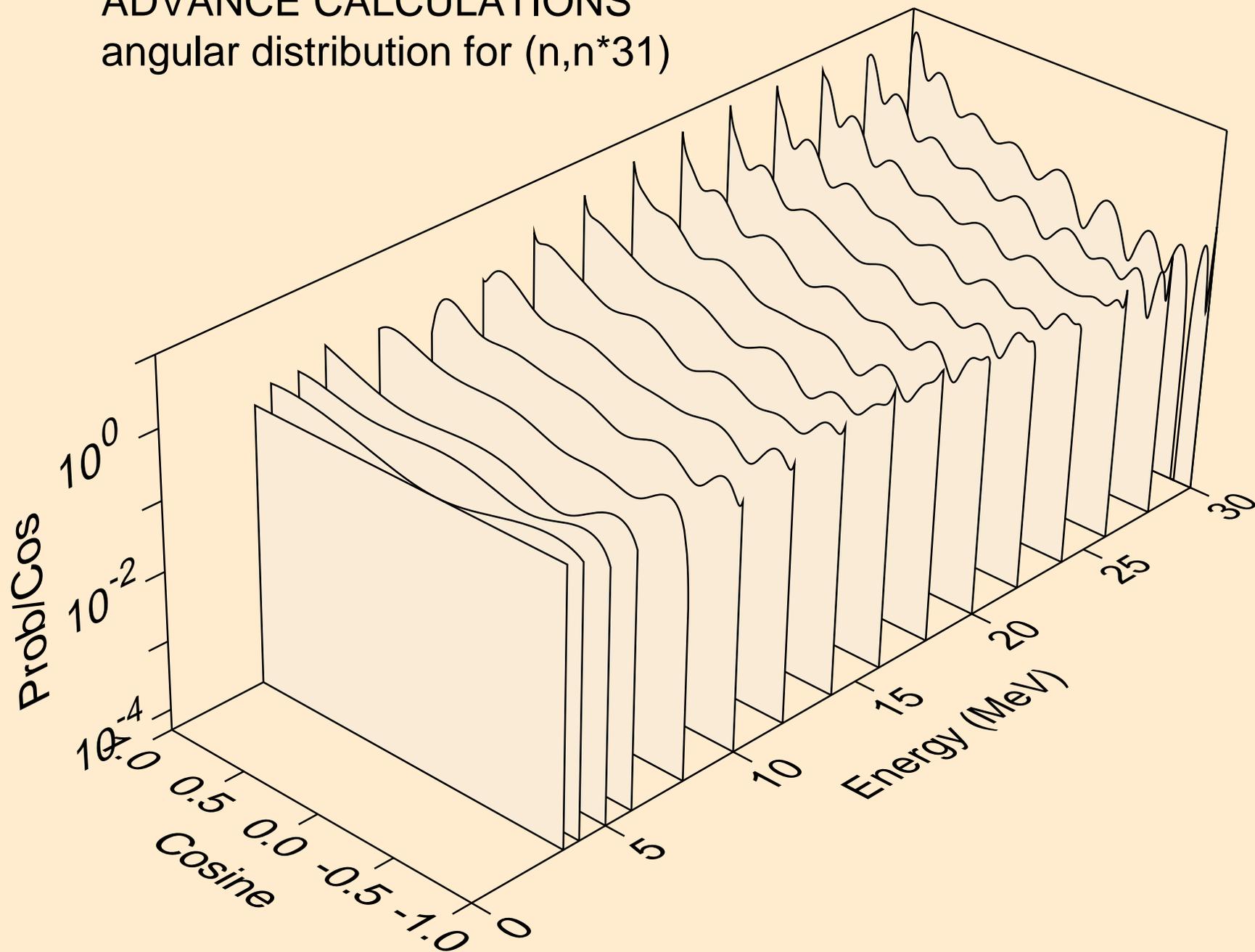
angular distribution for (n,n\*29)



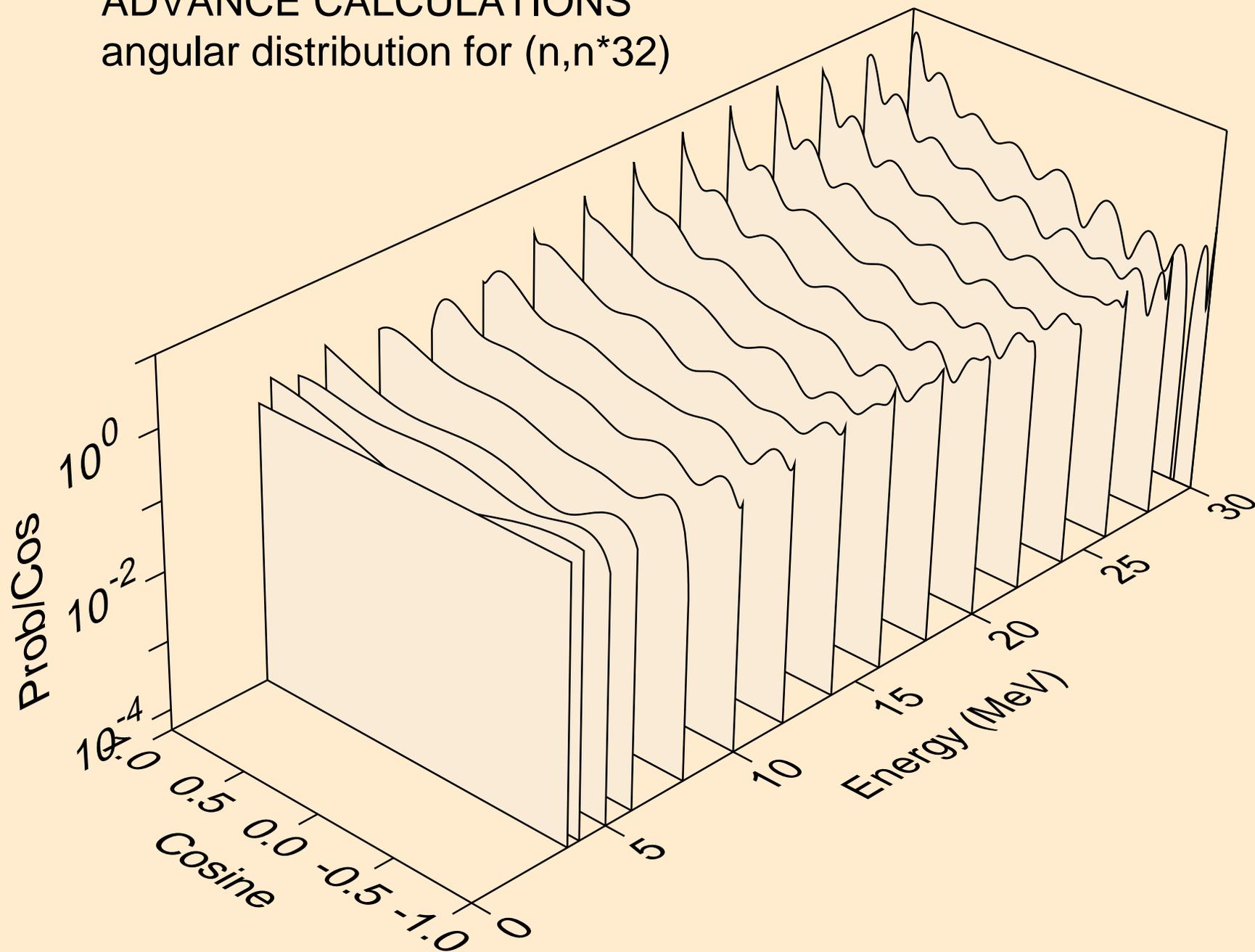
ADVANCE CALCULATIONS  
angular distribution for (n,n\*30)



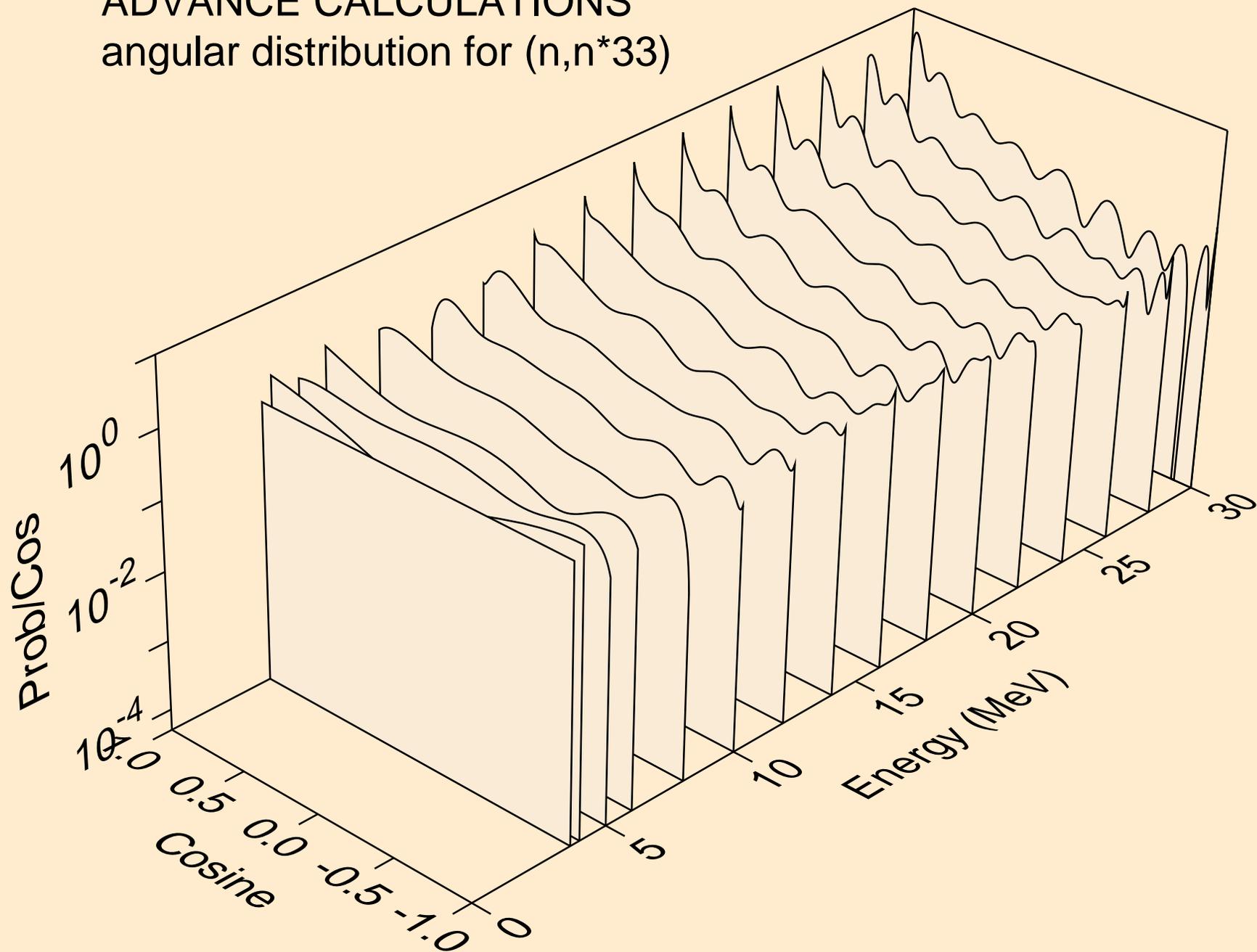
ADVANCE CALCULATIONS  
angular distribution for (n,n\*31)



ADVANCE CALCULATIONS  
angular distribution for (n,n\*32)

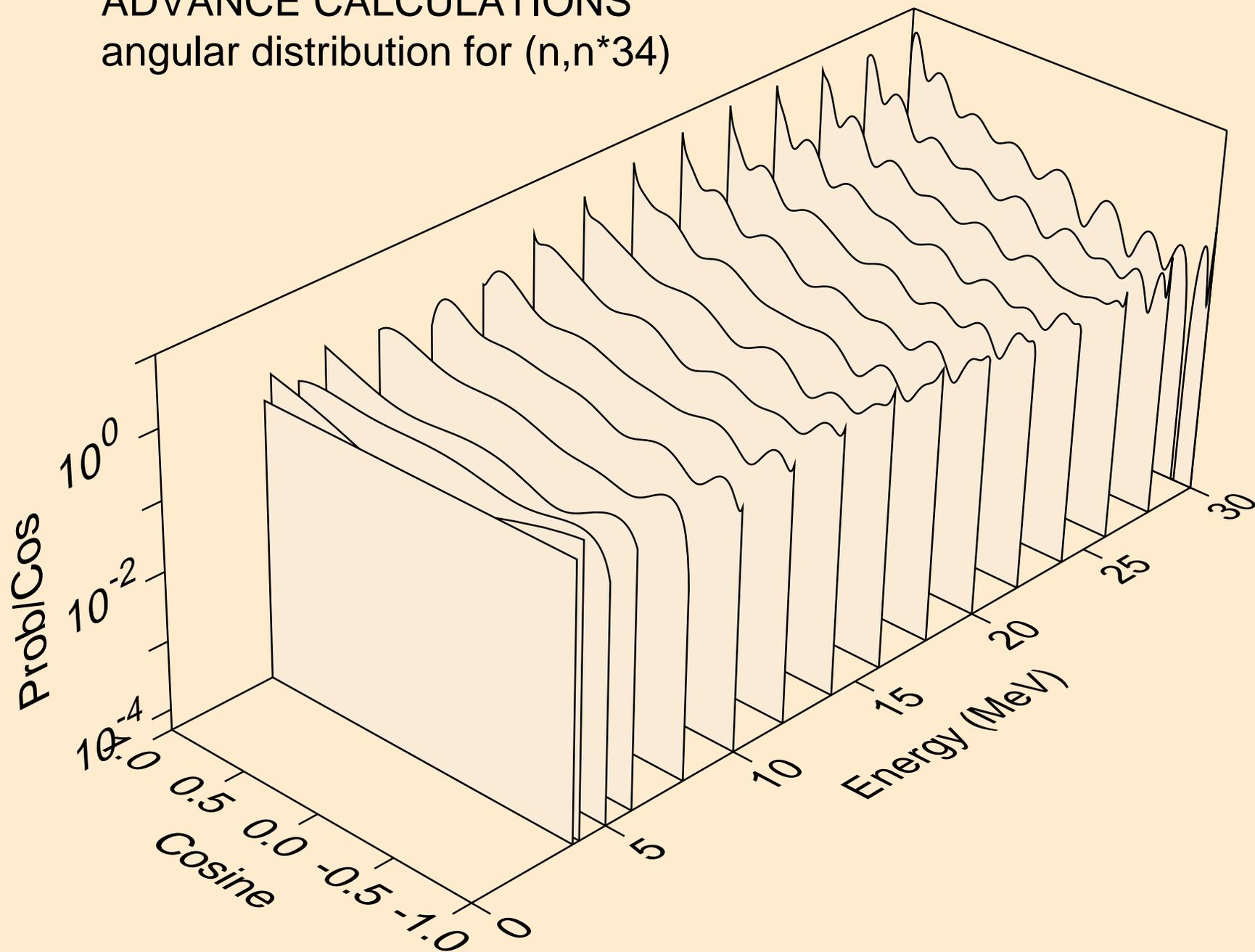


ADVANCE CALCULATIONS  
angular distribution for (n,n\*33)

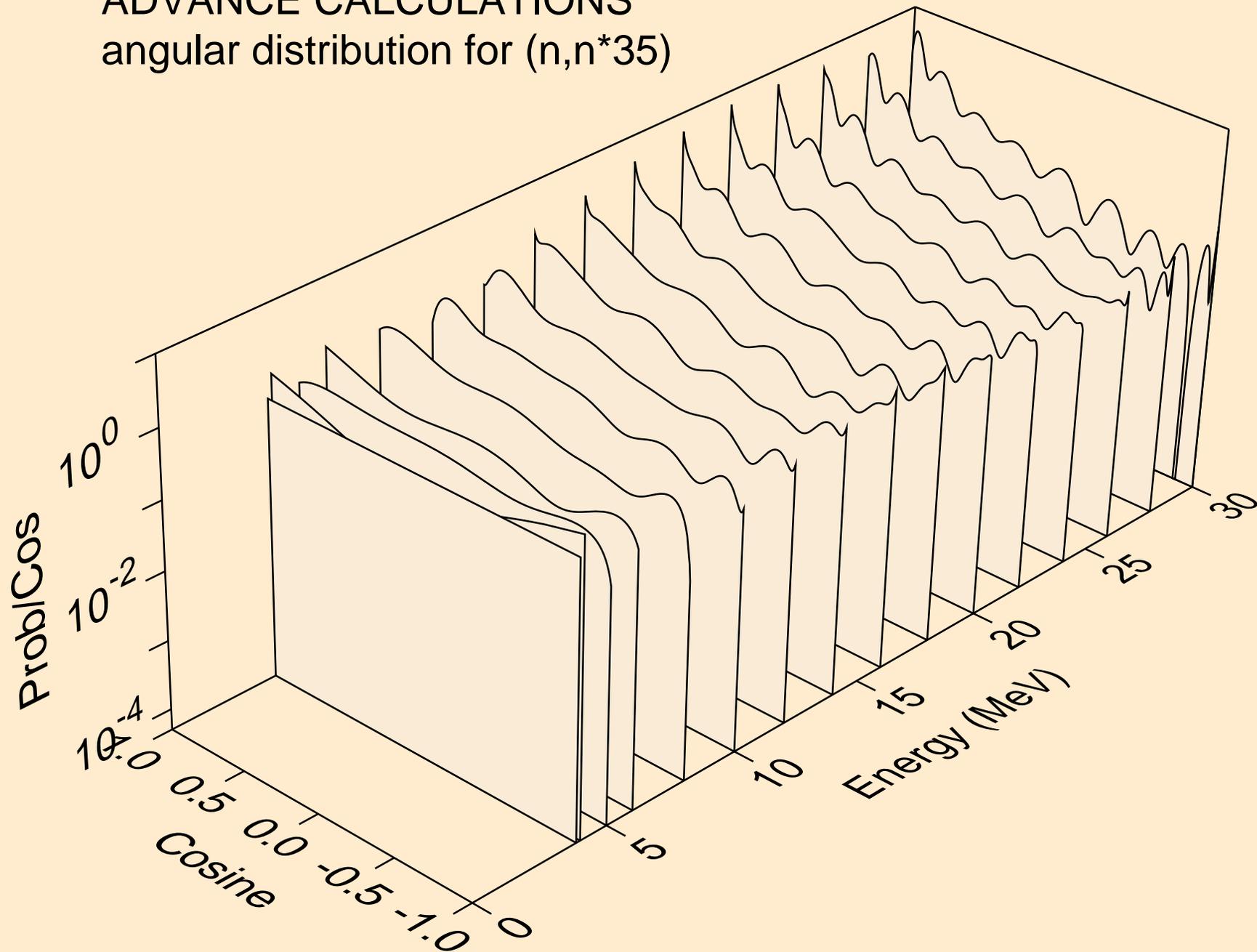


# ADVANCE CALCULATIONS

angular distribution for (n,n\*34)

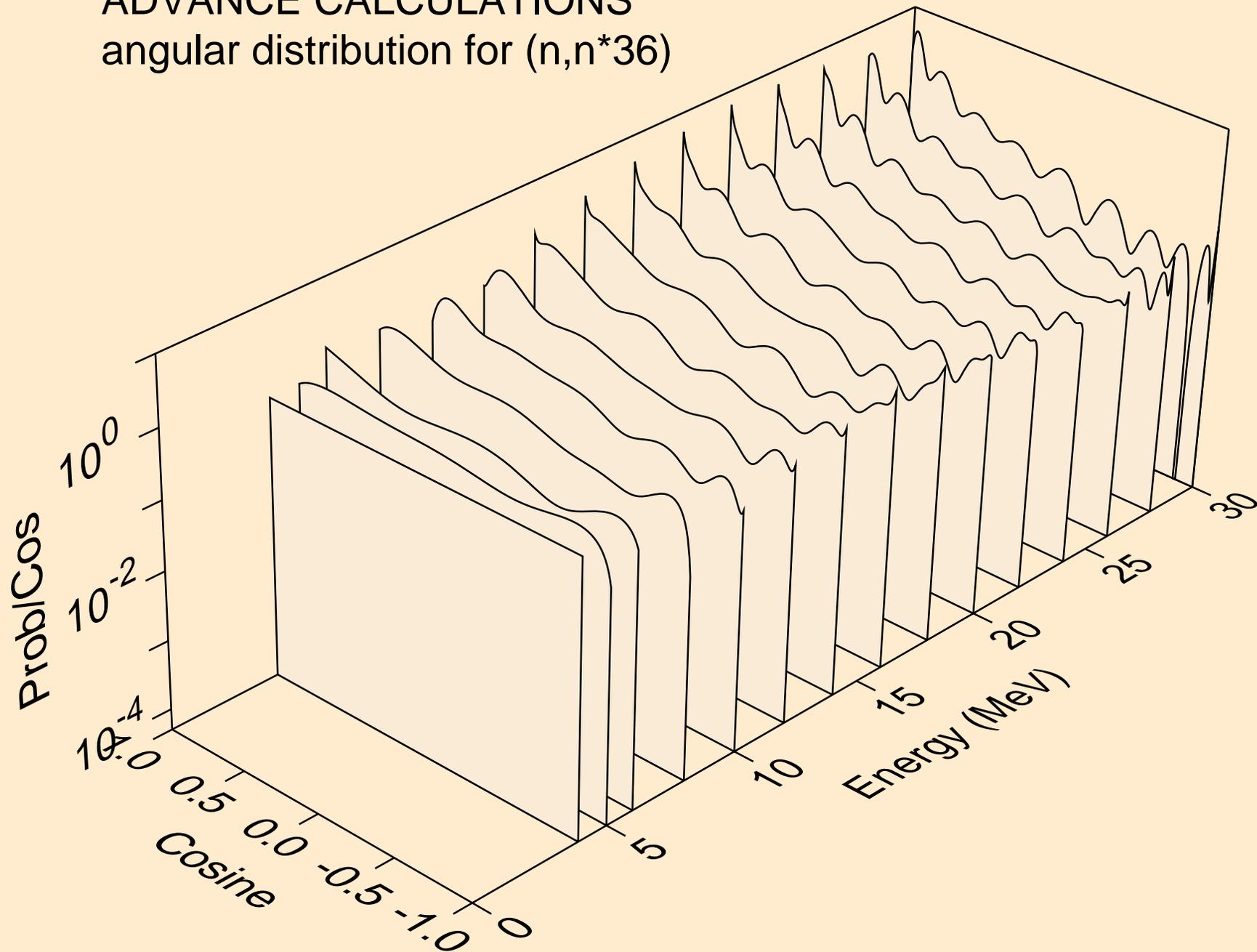


ADVANCE CALCULATIONS  
angular distribution for (n,n\*35)



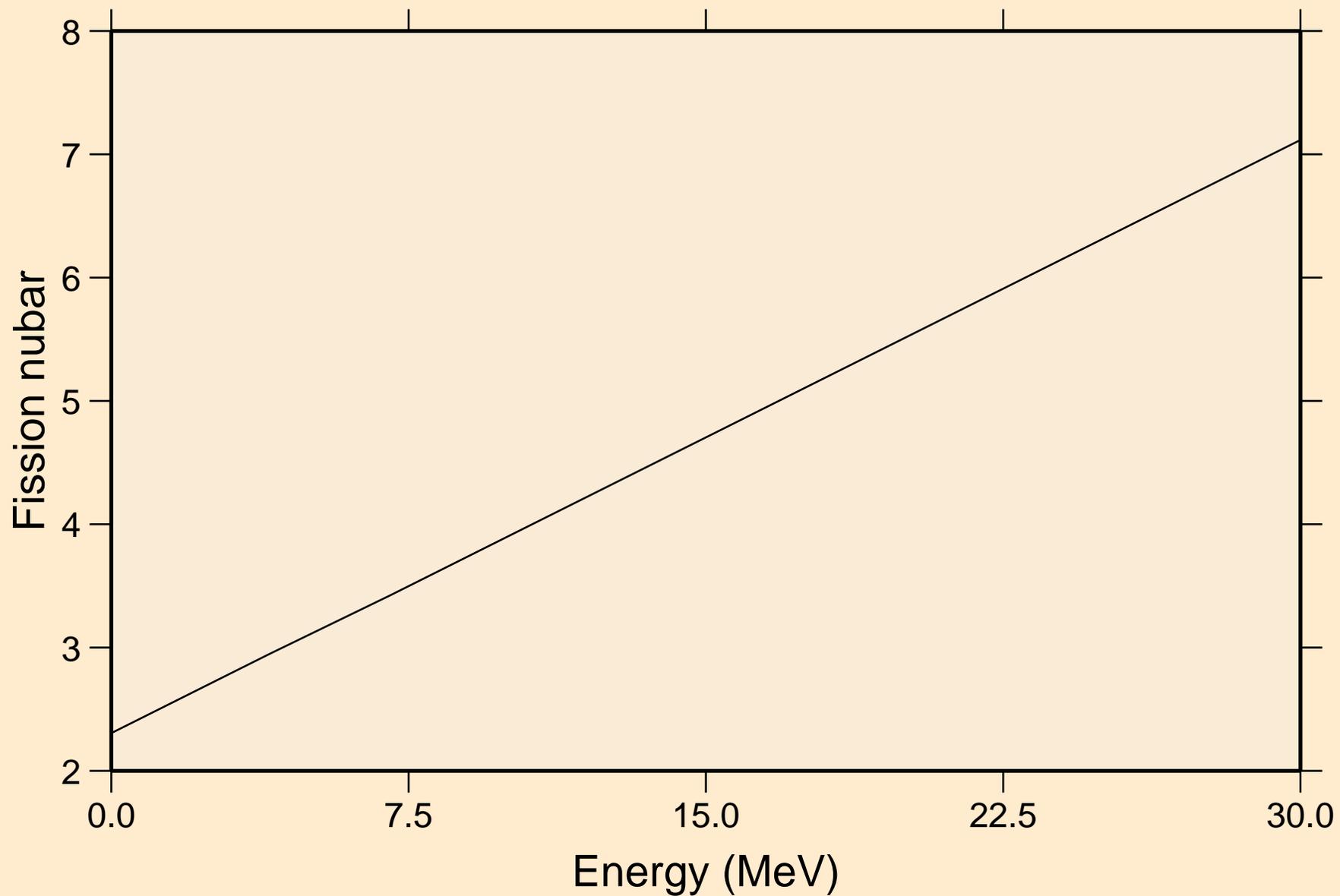
# ADVANCE CALCULATIONS

angular distribution for (n,n\*36)



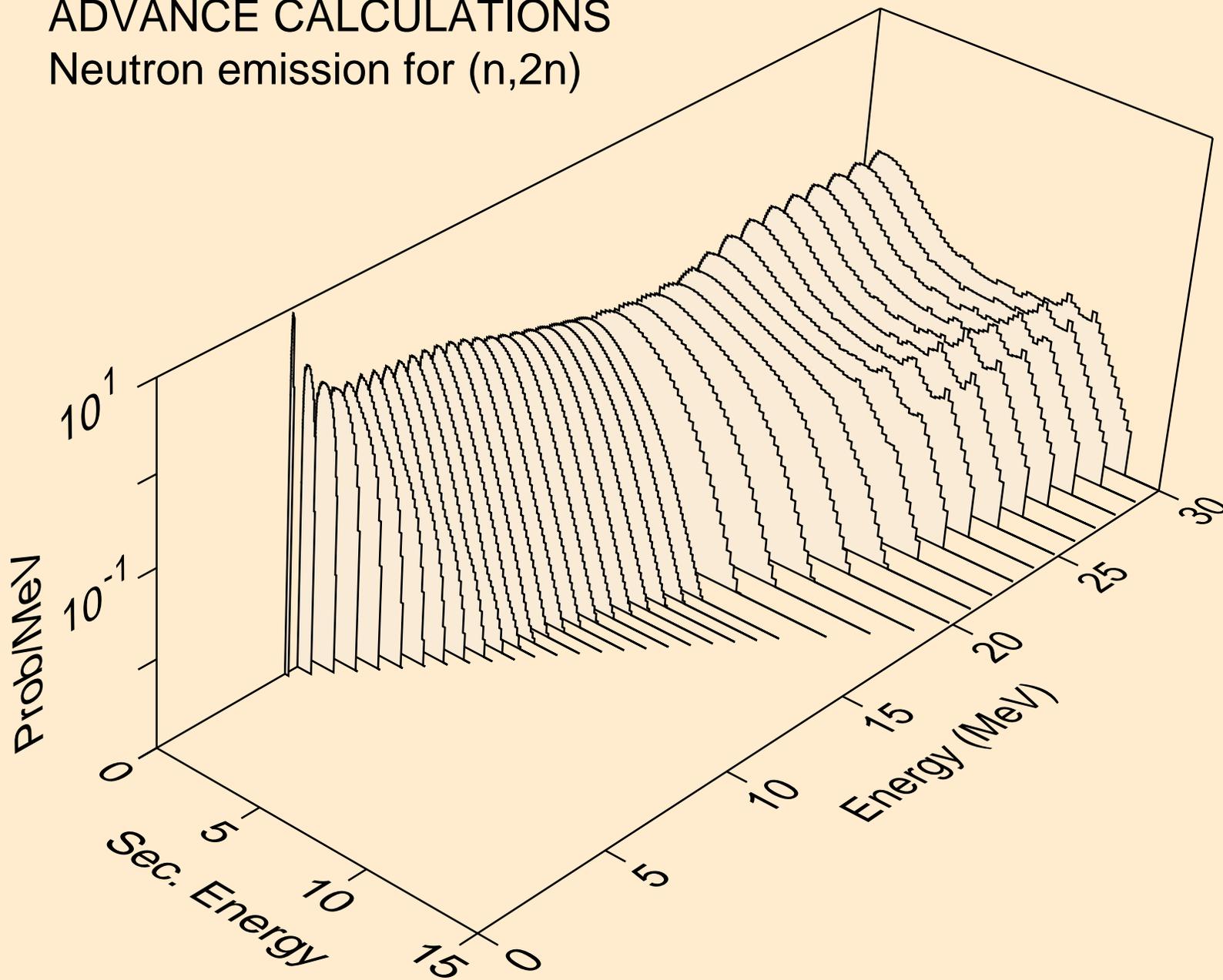
# ADVANCE CALCULATIONS

Total fission nubar



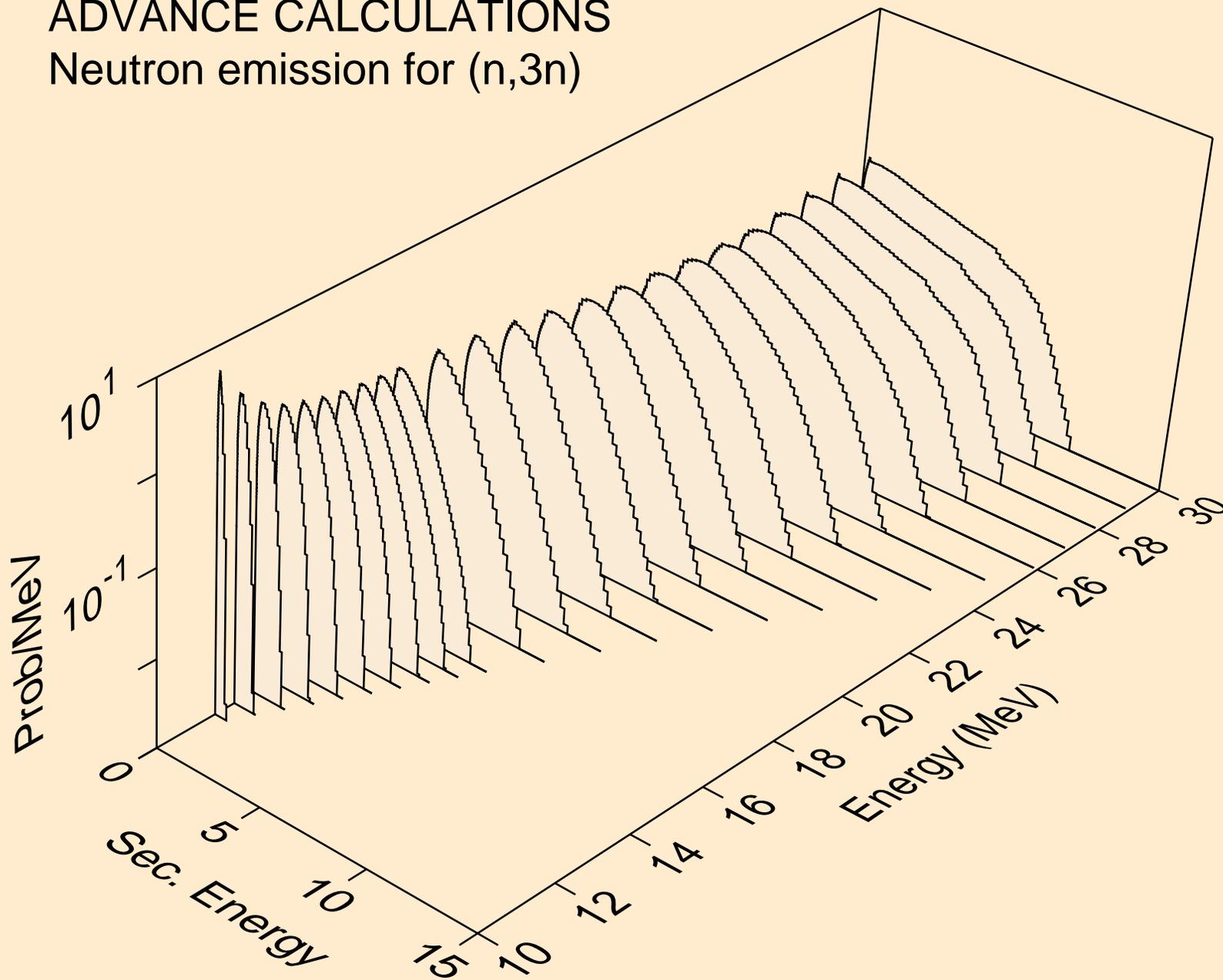
# ADVANCE CALCULATIONS

## Neutron emission for (n,2n)



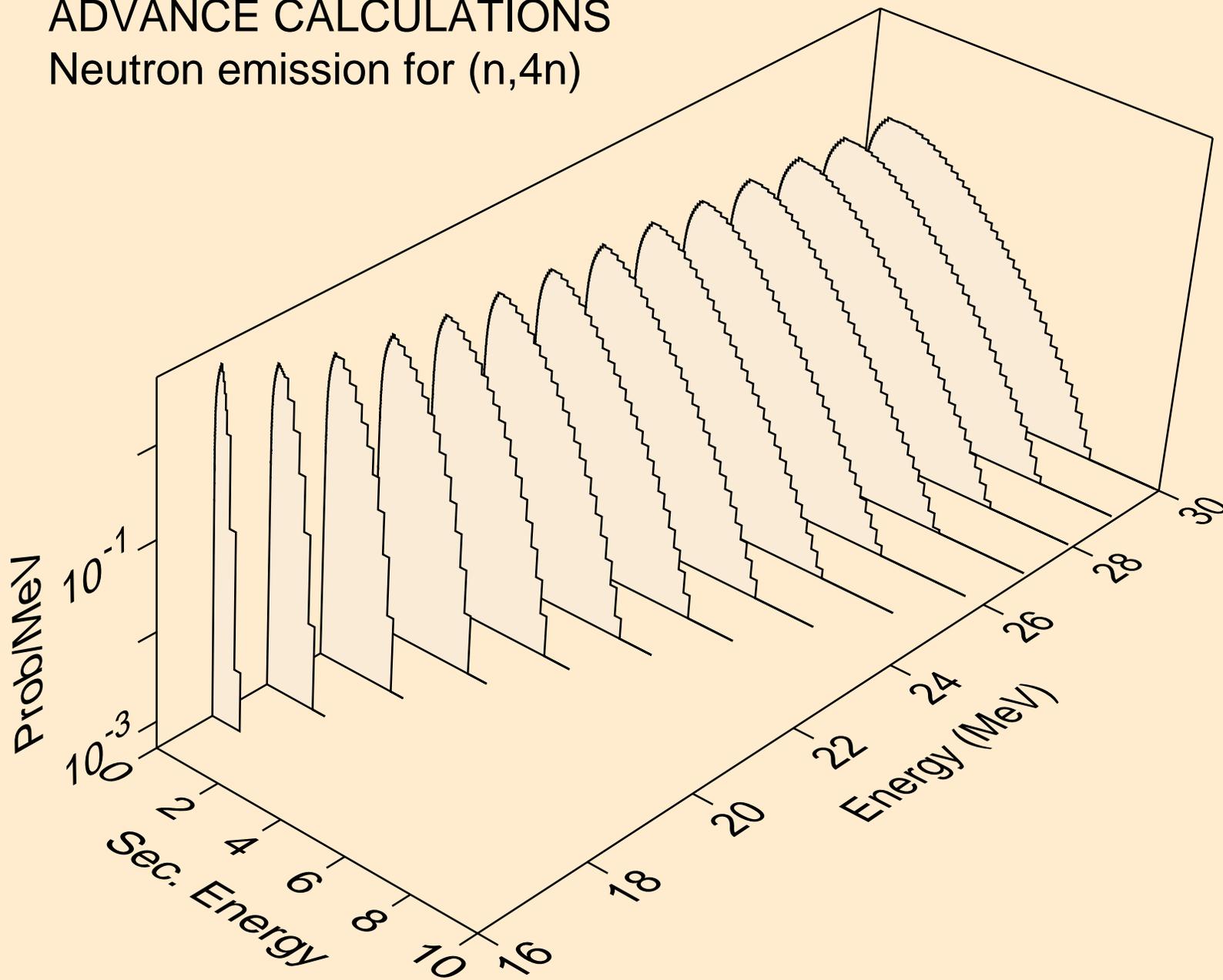
# ADVANCE CALCULATIONS

## Neutron emission for (n,3n)



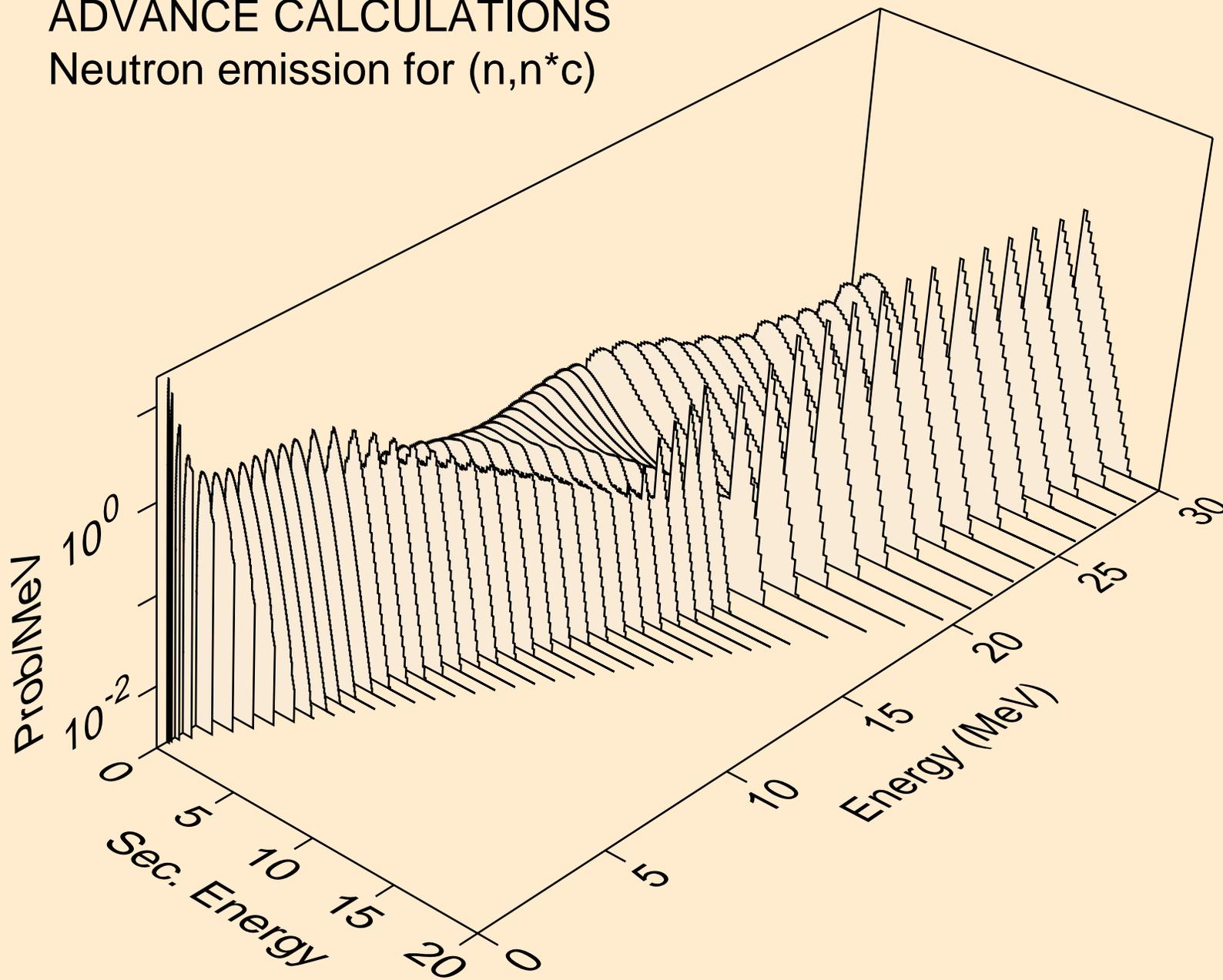
# ADVANCE CALCULATIONS

## Neutron emission for (n,4n)



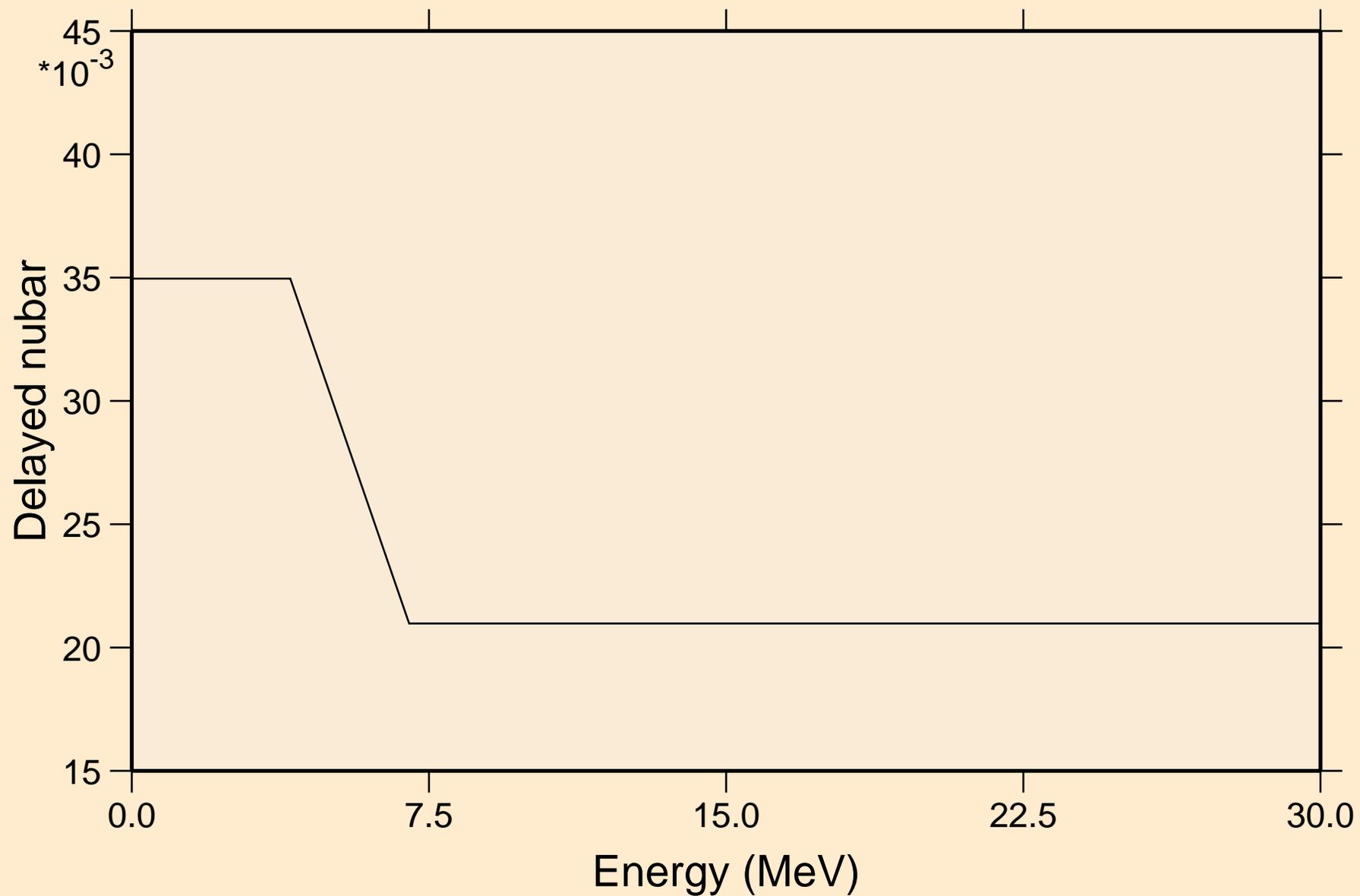
# ADVANCE CALCULATIONS

## Neutron emission for (n,n\*c)



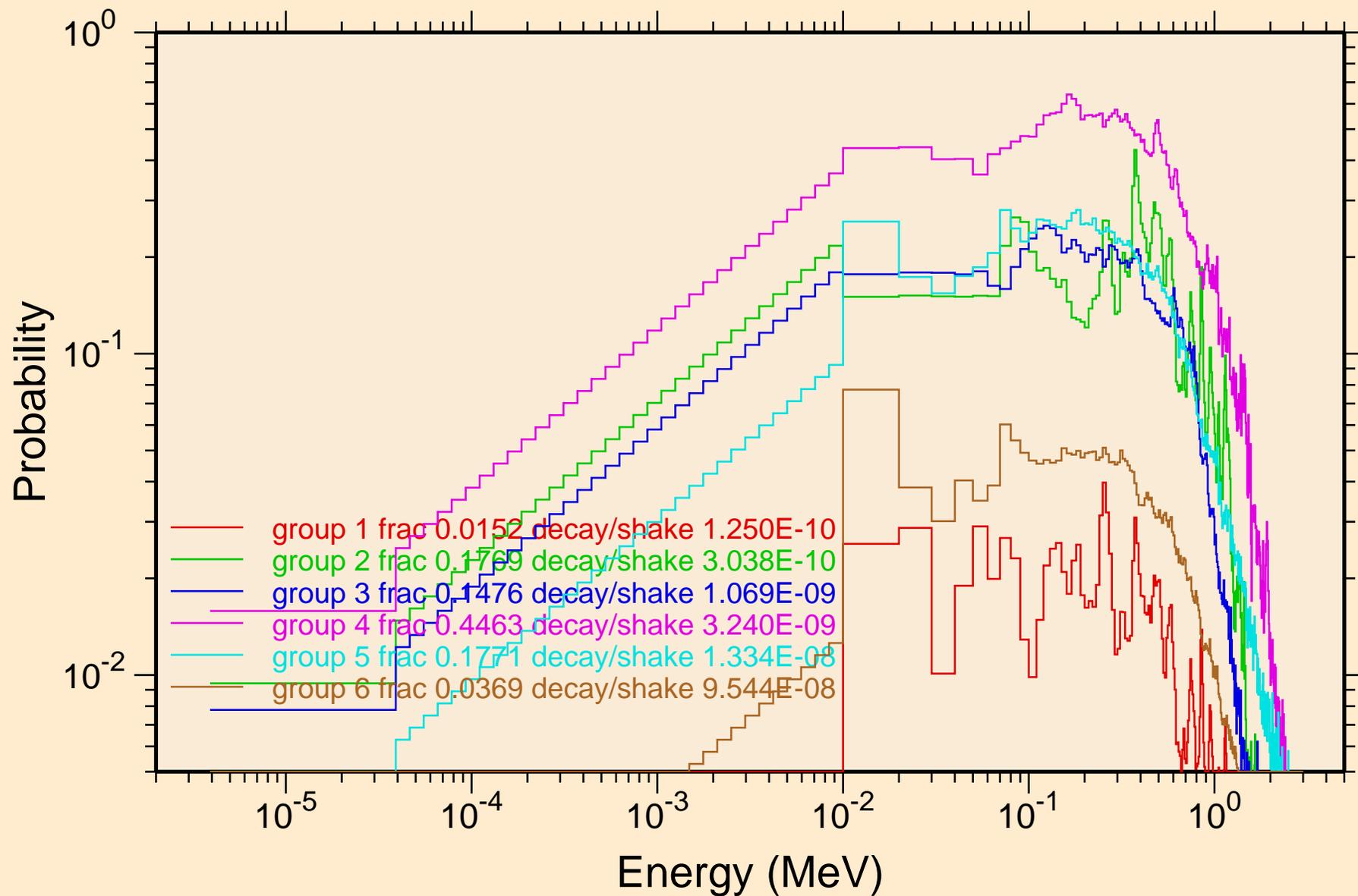
# ADVANCE CALCULATIONS

## Delayed nubar



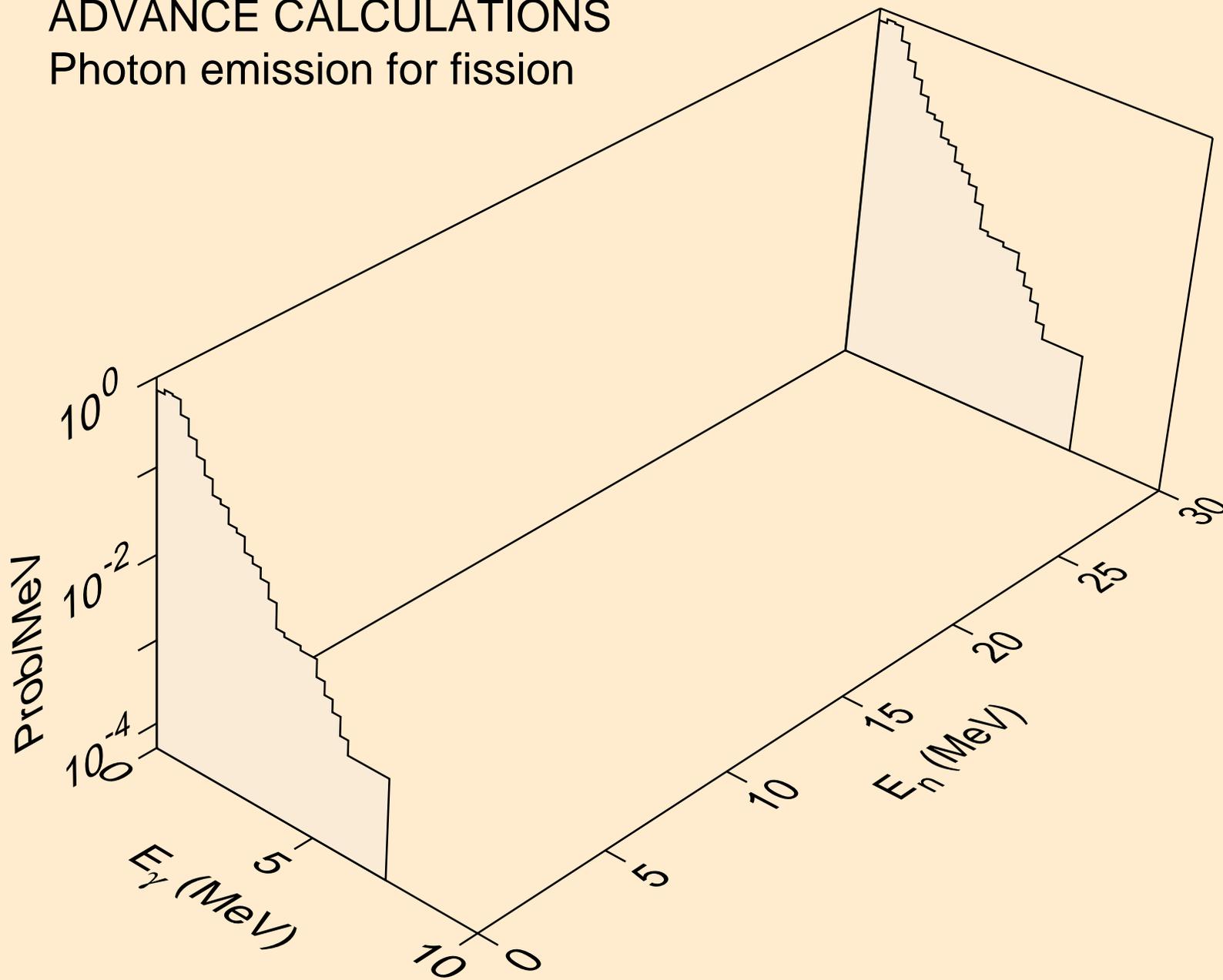
# ADVANCE CALCULATIONS

## Delayed neutron spectra



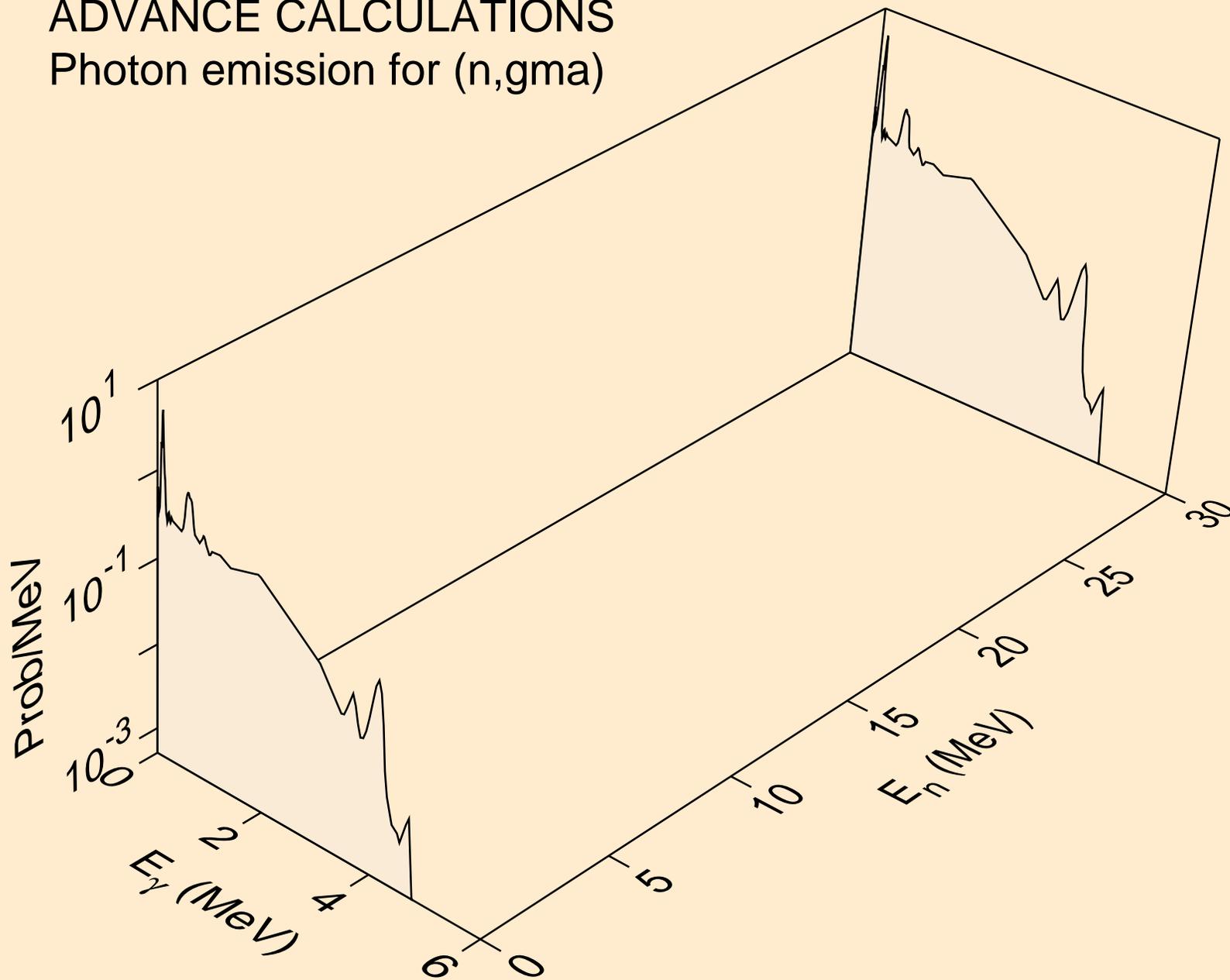
# ADVANCE CALCULATIONS

Photon emission for fission



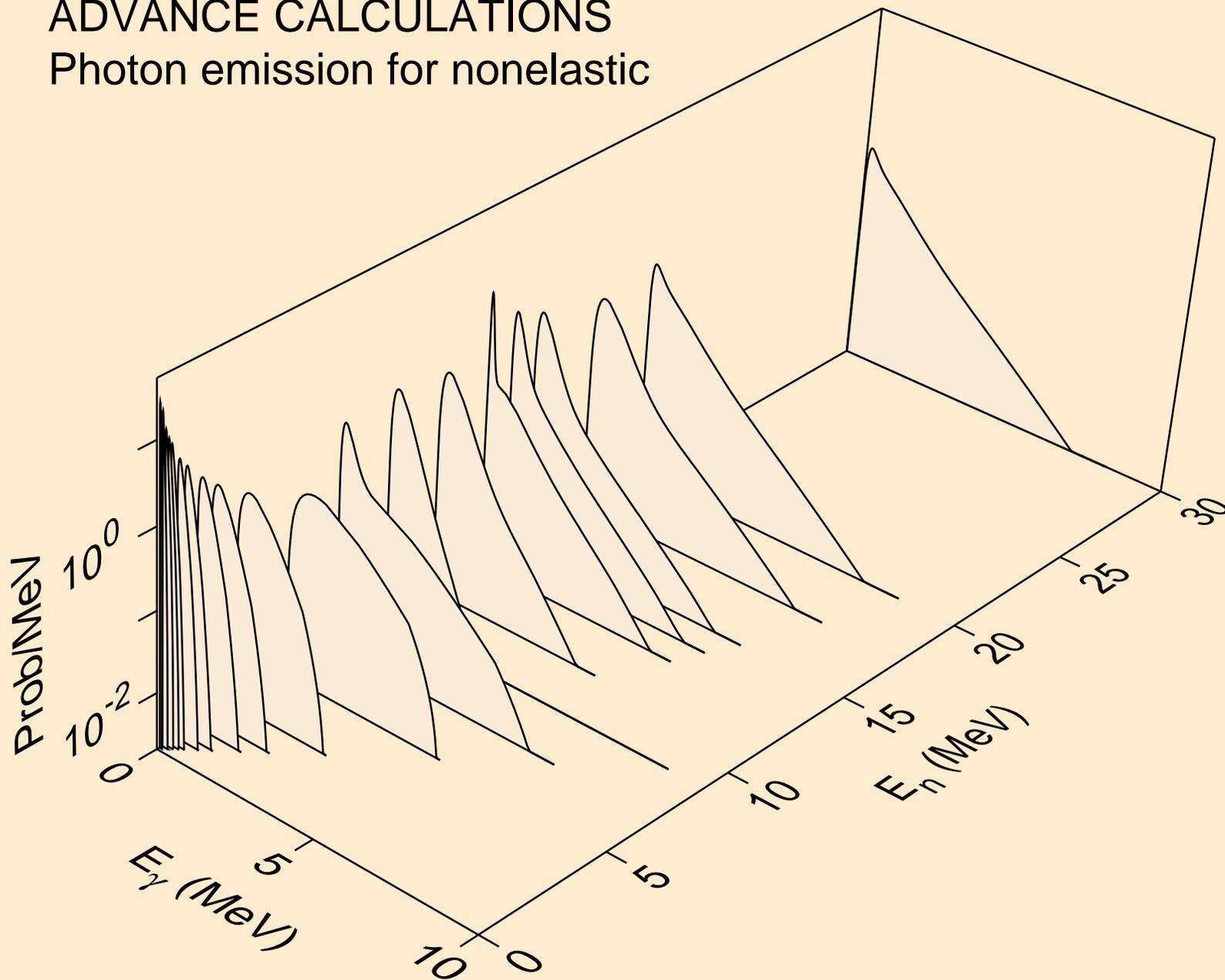
# ADVANCE CALCULATIONS

Photon emission for (n,gma)



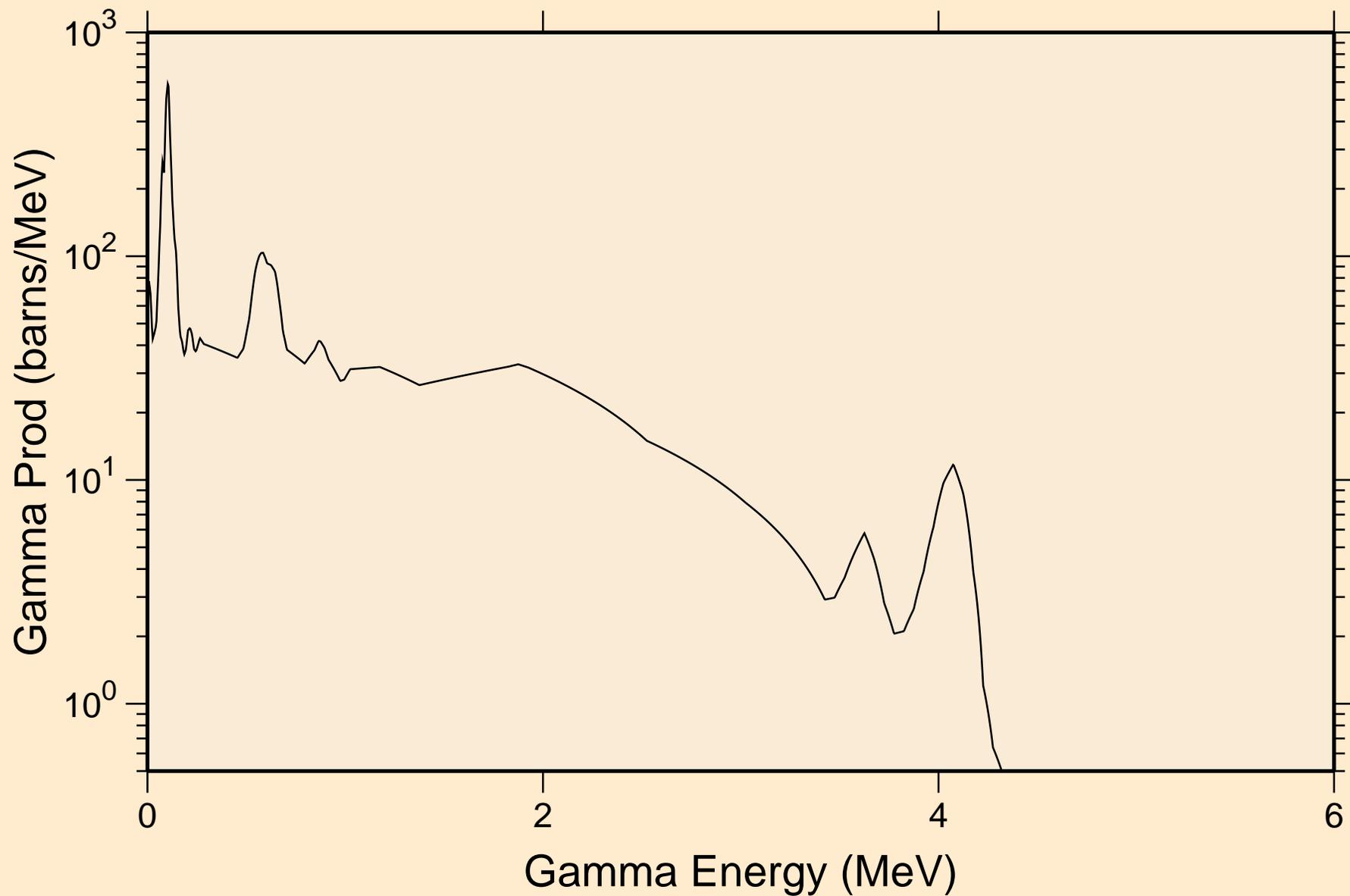
# ADVANCE CALCULATIONS

## Photon emission for nonelastic



# ADVANCE CALCULATIONS

## thermal capture photon spectrum



# ADVANCE CALCULATIONS

## 14 MeV photon spectrum

